

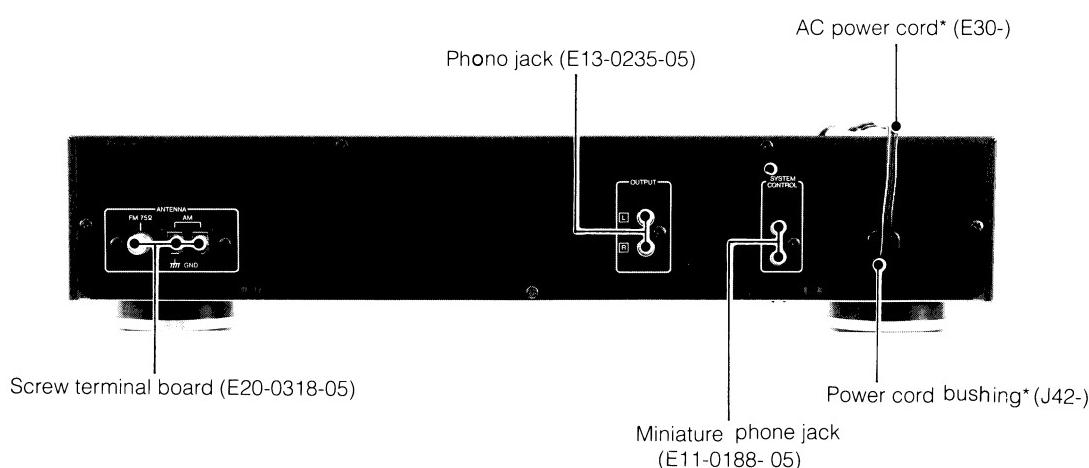
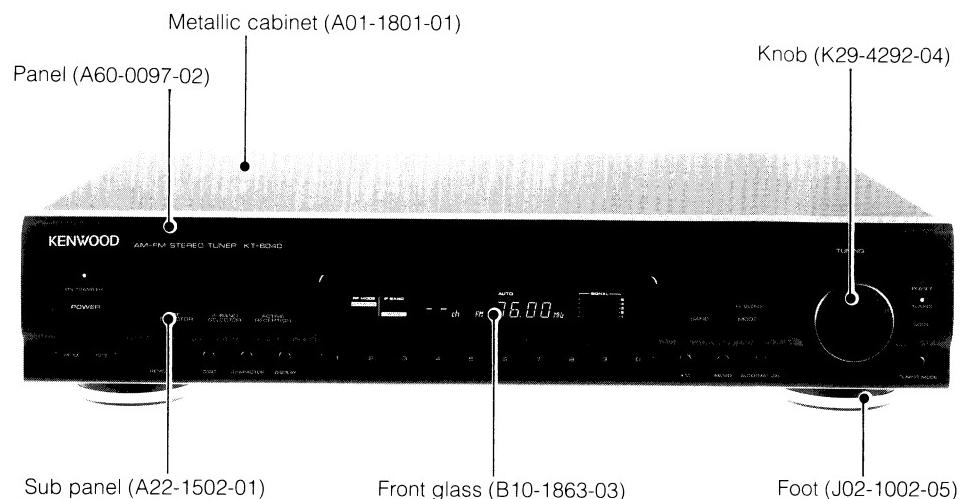
AM-FM STEREO TUNER

KT-6040

SERVICE MANUAL

KENWOOD

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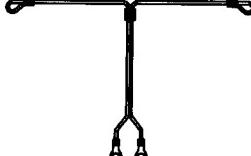
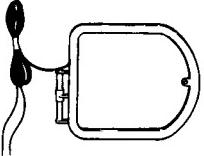
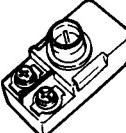


*Refer to Parts List on page 23 .

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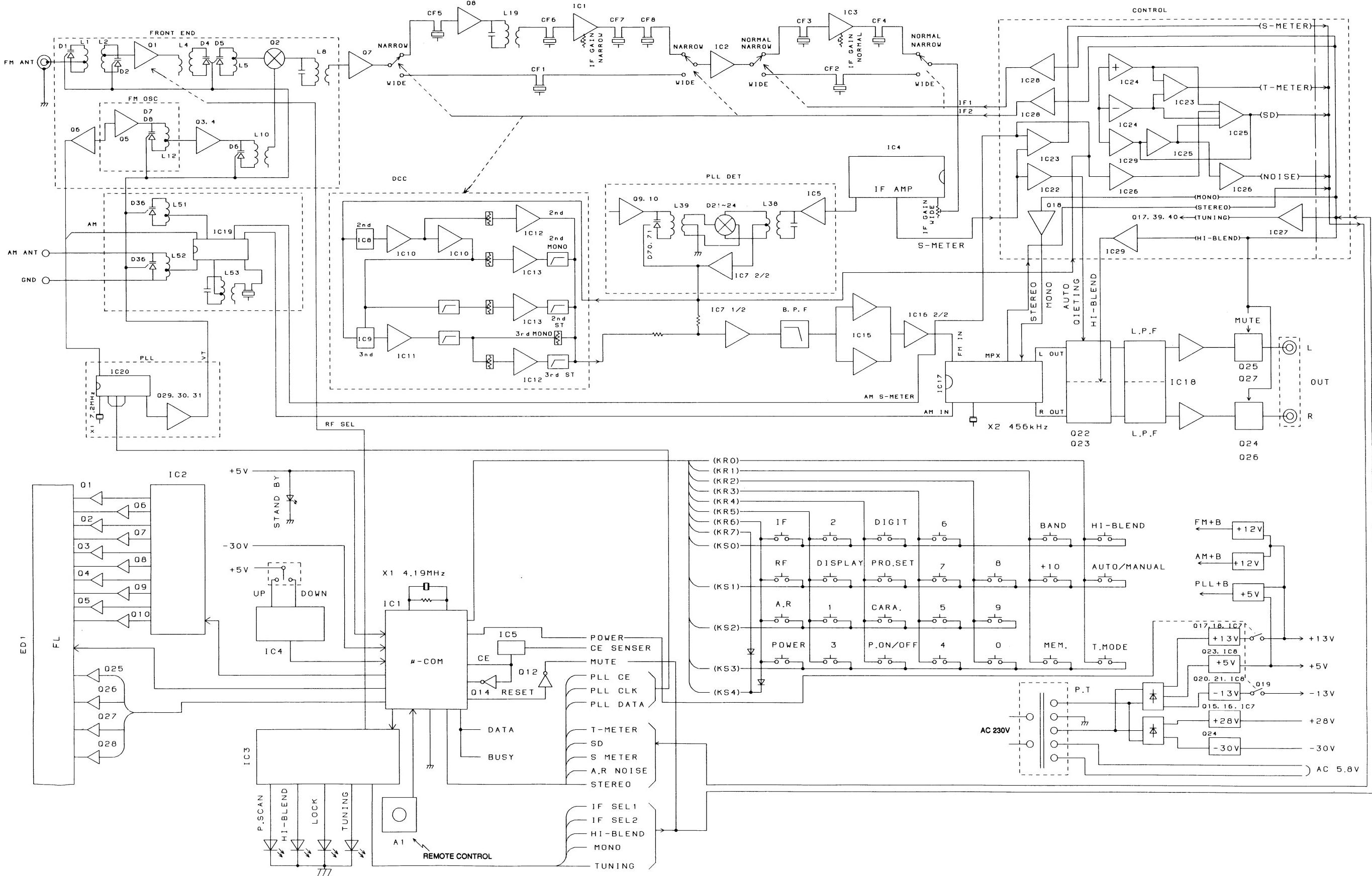
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ACCESSORIES

FM indoor antenna.....	1	AM loop antenna	1	75 ohm/300 ohm antenna adaptor	1
	(T90-0176-05)		(T90-0173-05)		(T90-0136-05)
Loop antenna holder	1	System control cord.....	1	Audio cord	1
	(J19-2815-04)		(E30-0977-05)		(E30-0505-05)
Remote control unit..... Batteries	1	(“R03” or “AAA”).....	2		
	P, M type (A70-0542-05) X type (A70-0563-05)				

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BLOCK DIAGRAM



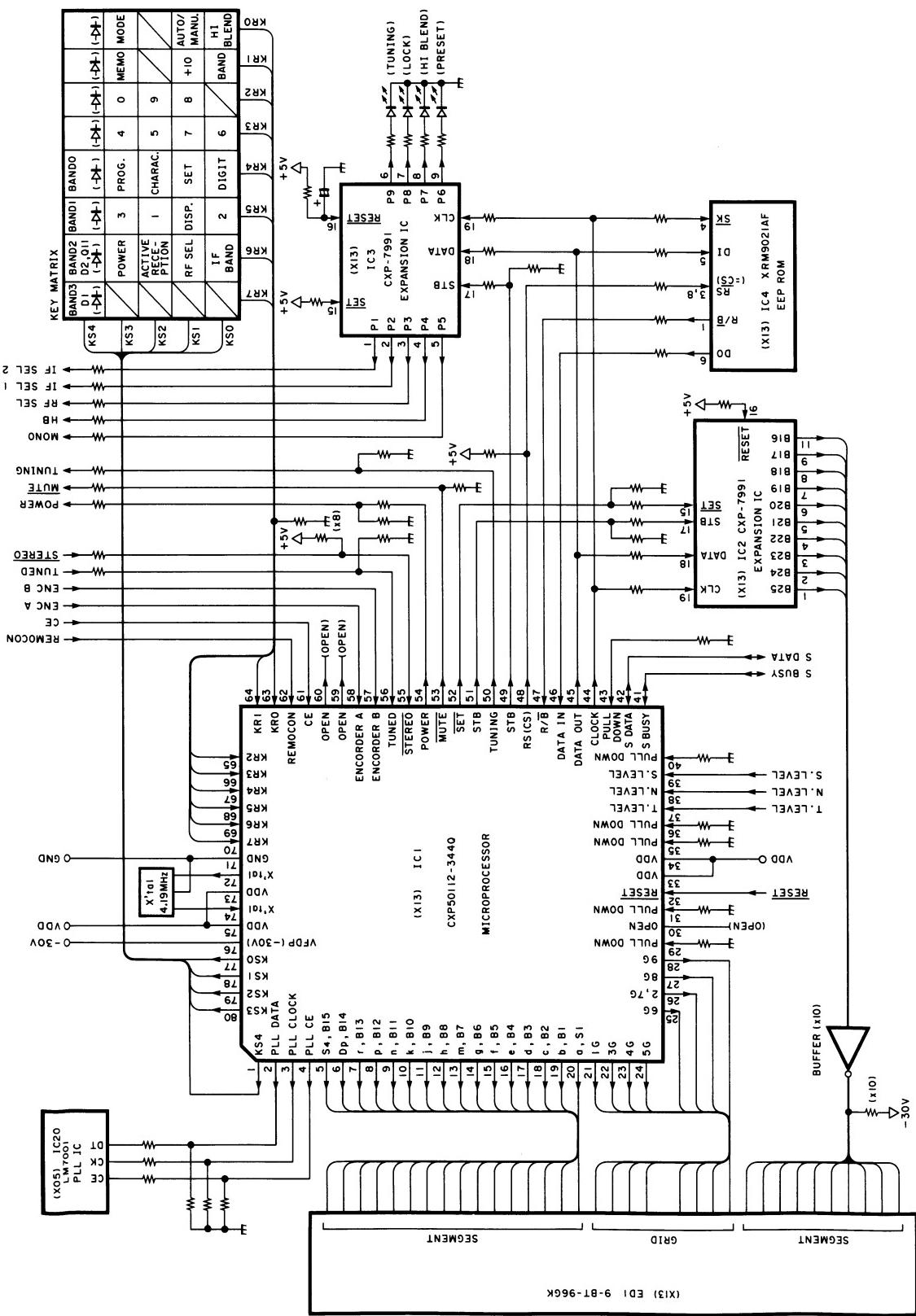
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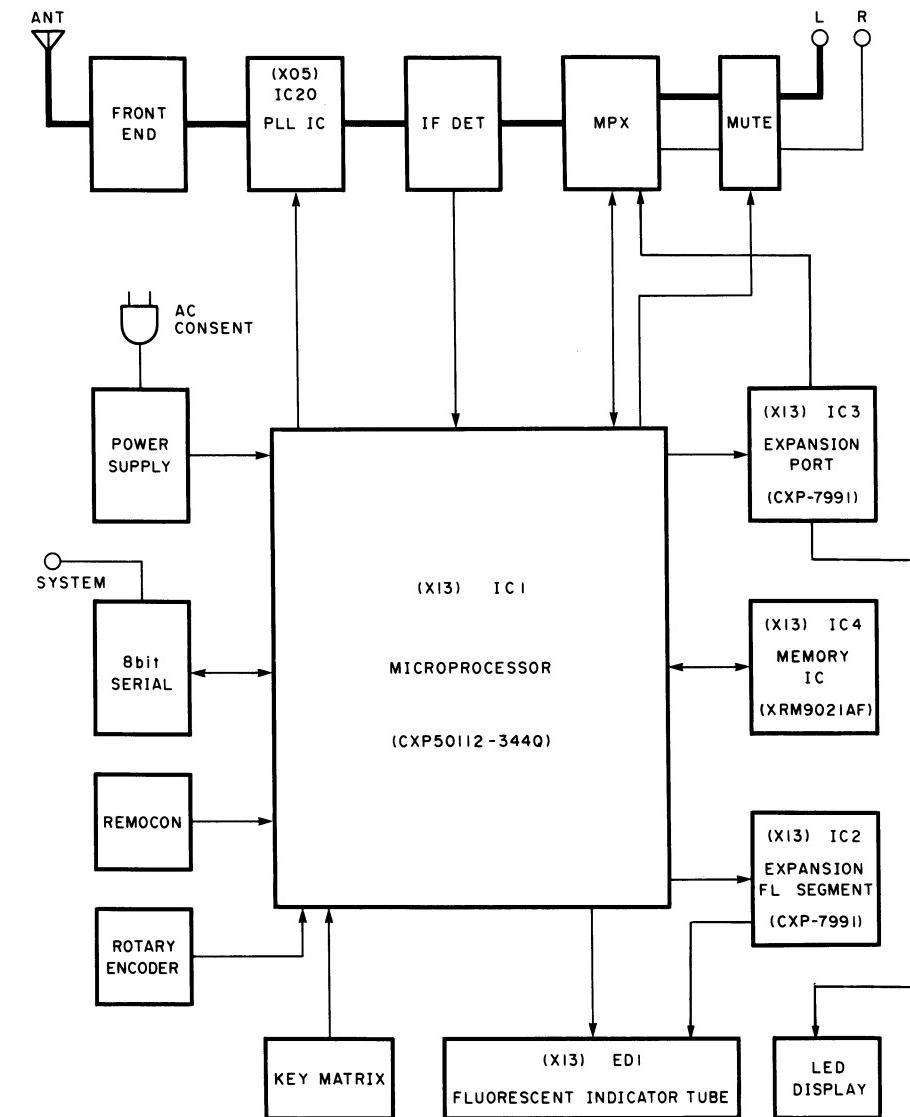
CIRCUIT DESCRIPTION

- ## 1. CXP50112-344Q (X13 :IC1) Microprocessor IC

1.1 Terminal connection diagram



CIRCUIT DESCRIPTION



1.2 Initial status setting (reset)

(1) Method of setting

While pressing the MEMO key, and plug the power cable into an outlet.

(2) Contents

- | | | |
|---------------|---|------------------------|
| ① POWER | : | Low/(OFF) |
| ② MUTE | : | Low/(ON) |
| ③ Forced MONO | : | OFF |
| ④ High BLEND | : | Low/(OFF) |
| ⑤ RF SEL | : | Low/(DISTANCE) |
| ⑥ IF SEL1 | : | Low |
| ⑦ IF SEL2 | : | Low/(WIDE) |
| ⑧ TUNING | : | Low |
| ⑨ FL display | : | All off |
| ⑩ LED display | : | STANDBY display is lit |

⑪ State : • RAM state = All clear
• Tuning mode = AUTO
• P. ch memory = Test frequency
• Last band = FM
• Last frequency = Lowermost
limit of each band.
• Last P. ch = 「--ch」
• Display mode = Frequency
display
• Encoder mode = TUNING

CIRCUIT DESCRIPTION

1.3 Test mode

(1) Method of setting

While holding the TUNING MODE key depressed, plug the AC power cord to the power outlet.

(2) Display of test mode

When the test mode is set, all FL tubes are lit up. The FL tubes are kept lit until there is a key entry which results in a change of the FL frequency display.

(3) Operations in test mode

The operations are basically the same as in normal operation modes. Only difference lies in the processing accompanying the + 10 key and 0 key (numeric keys).

Namely, the preset channel definition method using the + 10 key and numeric keys is different in the test mode. The preset channels are divided into four groups as shown below.

{01ch ~ 10ch / 0 - ch / - - ch} : Group 1
 {11ch ~ 20ch / 1 - ch } : Group 2

{21ch ~ 30ch / 2 - ch } : Group 3
 {31ch ~ 39ch / 3 - ch } : Group 4

When the current channel is in group1, the 1 to 9 keys represent "01 ch" to "09 ch", and the 0 key represent "10 ch". Change from group 1 to another group does not occur until the + 10key is pressed.

Pressing the + 10 key allows to change the group. When it is pressed while the current group is group 1, the display changes to "1- ch" and the current group changed to group 2. Pressing the key while the current group is group 2 changes it to group 3 ("2- ch" display), pressing the key while the current group is group 3 changes it to group 4 ("3- ch" display), and pressing the key while the current group is group 4 changes it to group 1 ("0- ch" display).

(4) Method of canceling

Unplug the AC power cord.

1.4 Function of diodes and switches

Type	Diode SW				Band	Receiving frequency range	Inter channel space	IF	RF
	3	2	1	0					
J	1	0	0	0	FM	76.0 MHz ~ 90.0 MHz	100 kHz	-10.7 MHz	25 kHz
						531kHz ~ 1602 kHz	9 kHz	+450 kHz	9 kHz
P, M ₁	0	1	0	0	FM	87.5 MHz ~ 108.0 MHz	100 kHz	+10.7 MHz	25 kHz
						530 kHz ~ 1610 kHz	10 kHz	+450 kHz	10 kHz
K	0	1	1	0	FM	87.5 MHz ~ 108.0 MHz	100 kHz	+10.7 MHz	25 kHz
						530 kHz ~ 1700 kHz	10 kHz	+450 kHz	10 kHz
X, T E, M ₂	0	0	0	0	FM	87.5 MHz ~ 108.0 MHz	25 kHz	+10.7 MHz	25 kHz
							50 kHz		
							100 kHz		
						AM	531 kHz ~ 1602 kHz	9 kHz	+450 kHz

0: Without diode

1: With diode

DIODE SW 0 → Preset memory mode

- 0 : 3 memories (Band, frequency and character)
- 1 : 6 memories (Band, frequency, character, IF, RF and MONO/ST)

DIODE SW 1 → 0 : AM NARROW

1 : AM WIDE

DIODE SW 2 → M type is modified into type

M1 or M2 by replacing with CHANNEL SPACE SW.

0 : FM 25kHz/step, AM

9kHz/step

1 :

FM100kHz/step, AM10kH

z./step

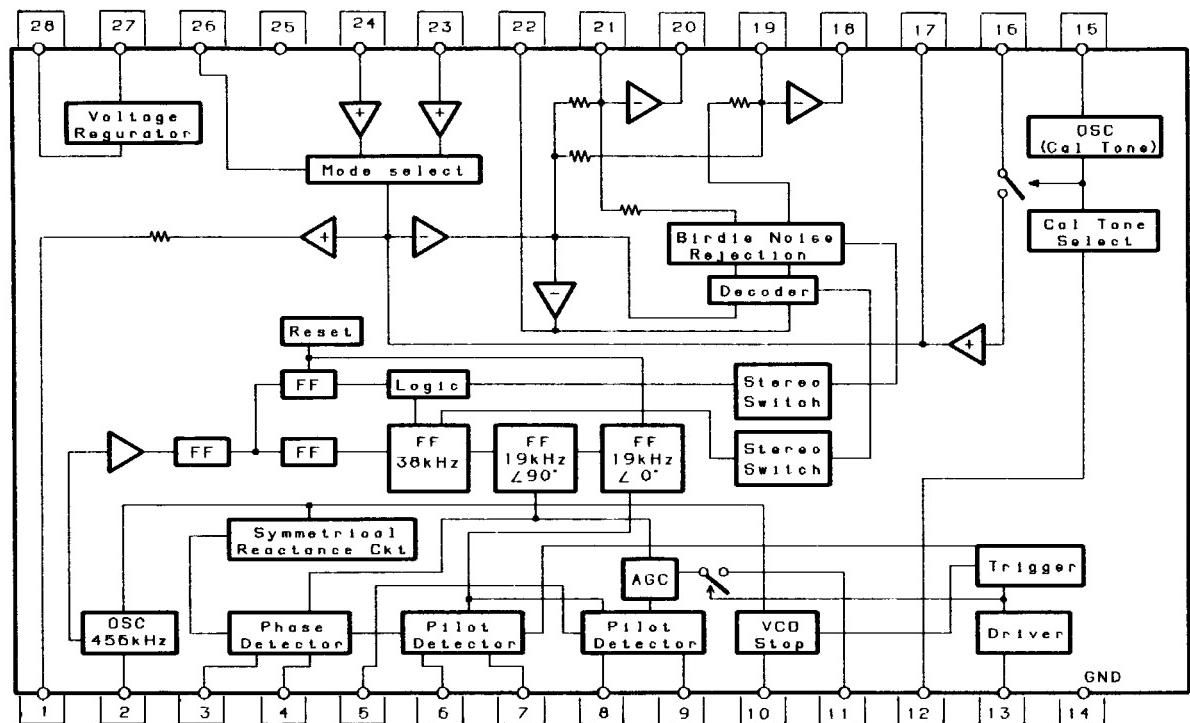
DIODE SW 3 → 0 : P, M, X, T and E type

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CIRCUIT DESCRIPTION

2. LA3450 (X05 : IC17) FM MPX

Block diagram



Terminal description

Pin No.	Voltage	Pin name	Remarks
1	5.7 V	Composite amplifier output	Output resistor 1kΩ
2	-	OSC	4.3 V $f \approx 456$ kHz 2.3 V
3, 4	2.6 V	Loop filter	
5	2.6 V	PLL input	
6, 7	2.6 V	Pilot synchronism detector filter	
8, 9	2.6 V	Pilot synchronism detector filter	For pilot cancel
10	-	VCO stop	Input resistor 120kΩ
11	-	Pilot cancel	Chopping wave output
12	3.8 V	Cal tone control	
13	-	Stereo indicator	Open collector
14	0	GND	
15	-	Cal tone oscillate output	2.8 V $f \approx 400$ Hz 1.2 V
16	5.7 V	Cal tone input	
17	5.7 V	Pilot cancel input	
18	5.7 V	Post amplifier output	Lch output
19	5.7 V	Post amplifier input	Lch input, (-) input
20	5.7 V	Post amplifier output	Rch output
21	5.7 V	Post amplifier input	Rch input, (-) input
22	5.7 V	Separation adjustment	
23	5.7 V	AM input	Input resistor 20kΩ
24	5.7 V	FM input	Input resistor 20kΩ
25	0	SIGNAL GND	
26	-	AM/FM select	Input resistor 120kΩ
27	5.7 V	Vref	Reference voltage
28	Vcc	Power supply	

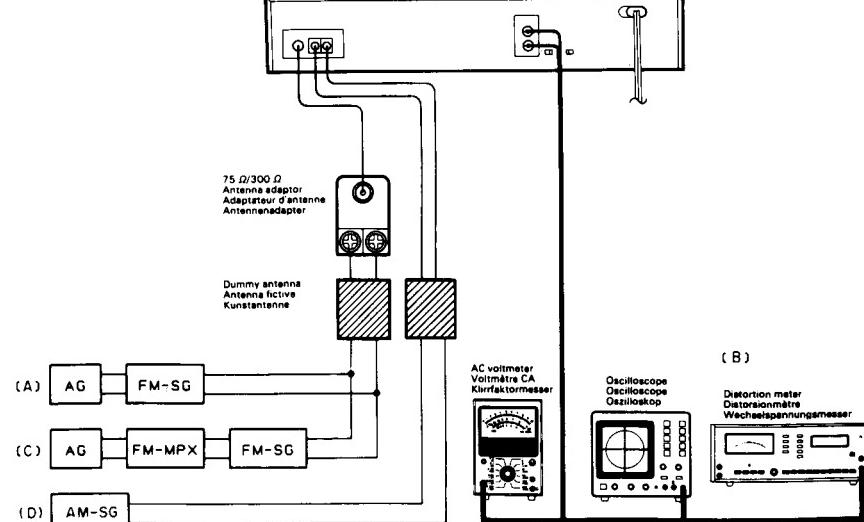
ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
F M SECTION							
Unless otherwise specified, the individual switches should be set as following: SELECTOR:FM IF BAND:WIDE RF SELECTOR:DISTANCE A.R.:OFF TUNING MODE:AUTO PROGRAM:OFF							
1	V T (1)	-	Connect a DC voltmeter between TP11(VT) and TP12.	87.5MHz	L12 (X05-)	3.0V	(a)
2	V T (2)	-	Connect a DC voltmeter between TP11(VT) and TP12.	108.0MHz	TC1 (X05-)	25.0V	(a)
Repeat alignments 1 and 2 several times.							
3	VCO DETECTOR	(A) 98.0MHz Dev.ON(±75kHz)-OFF 100dB μ (ANT input)	Connect a DC voltmeter and an oscilloscope between TP4(DET OUT) and GND.	98.0MHz	L39 (X05-)	Turn the core to confirm an outout with dev.ON(±75kHz), then adjust the voltage to 0V±10mV with dev.OFF.	(b)
4	SENSITIVITY (1)	(A) 98.0MHz 1kHz,±75kHz dev	(B)	98.0MHz	★ L1,2,4,5,10 (X05-)	Maximum amplitude and symmetry of the oscilloscope display.	
★ Repeat the sequence from L1→L2→L4→L5→L10→L1→..... a few times.							
5	SENSITIVITY (2)	(A) 98.0MHz 1kHz,±75kHz dev	(B)	98.0MHz	L8 (X05-)	Maximum amplitude and symmetry of the oscilloscope display.	
6	AUTO-STOP SENSITIVITY (1)	(A) 98.0MHz 1kHz,±75kHz dev * 12dB μ (ANT input)	-	98.0MHz IF BAND: WIDE	VR1 (X05-)	Position where the 1st.point indicator lights when the control is rotated gradually counterclockwise from the most.	
7	AUTO-STOP SENSITIVITY (2)	(A) 98.0MHz 1kHz,±75kHz dev * 12dB μ (ANT input)	-	98.0MHz IF BAND: NORMAL	VR2 (X05-)	Position where the 1st.point indicator lights when the control is rotated gradually clockwise from the most.	
8	AUTO-STOP SENSITIVITY (3)	(A) 98.0MHz 1kHz,±75kHz dev * 12dB μ (ANT input)	-	98.0MHz IF BAND: NARROW	VR3 (X05-)	Position where the 1st.point indicator lights when the control is rotated gradually clockwise from the most.	
9	DISTORTION(1) MONO	(C) 98.0MHz SELECTOR: MONO 1kHz,±75kHz dev * 80dB μ (ANT input)	(B)	98.0MHz IF BAND: WIDE	VR4(DET) VR5(2nd) VR6(3rd) (X05-)	Minimum distortion.	
10	DISTORTION(2) MONO	(C) 98.0MHz SELECTOR: MONO 1kHz,±75kHz dev * 80dB μ (ANT input)	(B)	98.0MHz IF BAND: NORMAL	VR9(2nd) VR10(3rd) (X05-)	Minimum distortion.	
*X,T and E types:1kHz,±40kHz dev							
11	DISTORTION(3) STEREO	(C) 98.0MHz SELECTOR: L+R 1kHz,±68.25kHz dev Pilot:±6.75kHz dev 80dB μ (ANT input)	(B)	98.0MHz IF BAND: WIDE	VR7(2nd) (X05-)	Minimum distortion.	
12	DISTORTION(4) STEREO	(C) 98.0MHz SELECTOR: L-R 1kHz,±68.25kHz dev Pilot:±6.75kHz dev 80dB μ (ANT input)	(B)	98.0MHz IF BAND: WIDE	VR8(3rd) (X05-)	Minimum distortion.	
13	DISTORTION(5) STEREO	(C) 98.0MHz SELECTOR: L+R 1kHz,±68.25kHz dev Pilot:±6.75kHz dev 80dB μ (ANT input)	(B)	98.0MHz IF BAND: NORMAL	VR11(2nd) (X05-)	Minimum distortion.	

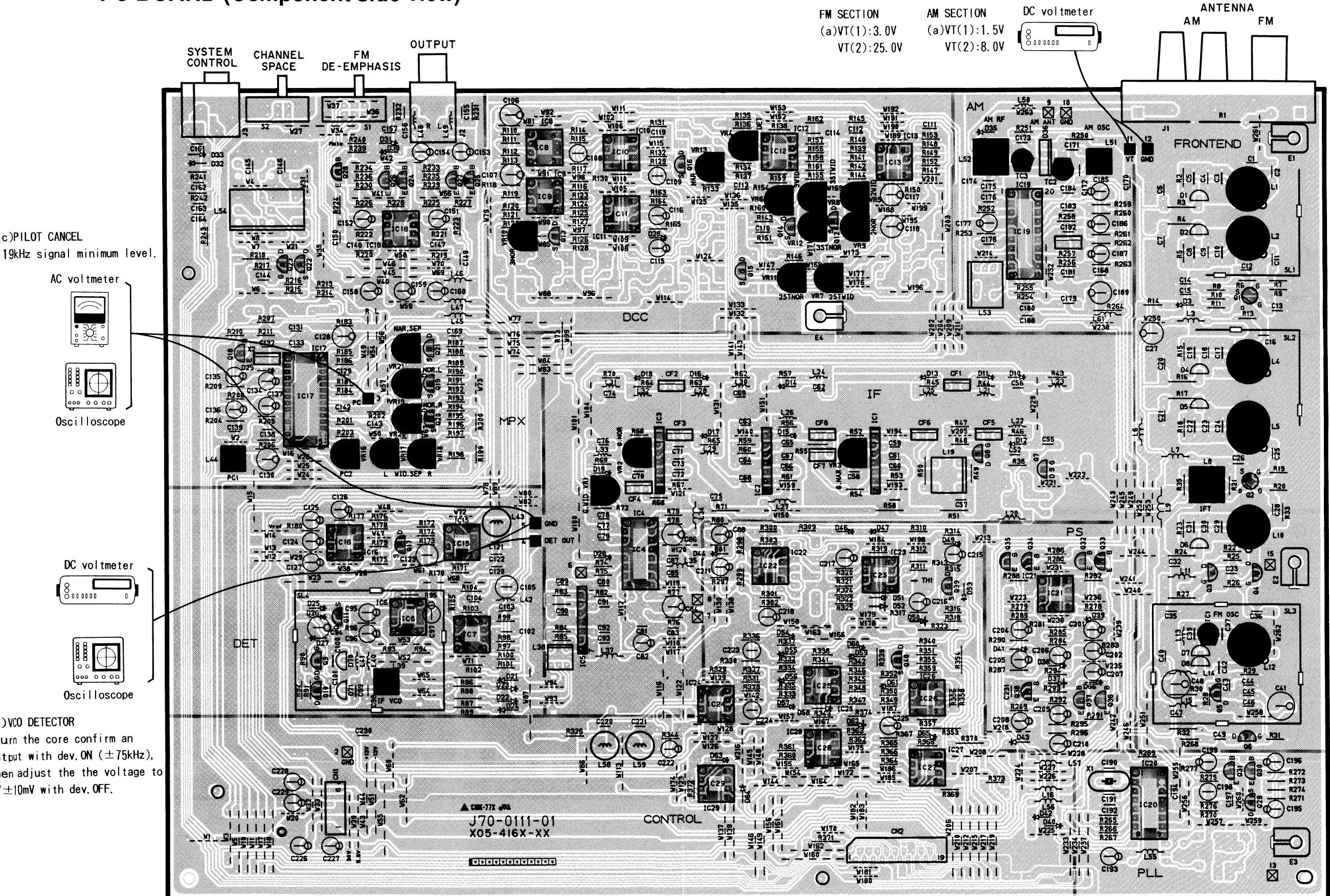
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ADJUSTMENT

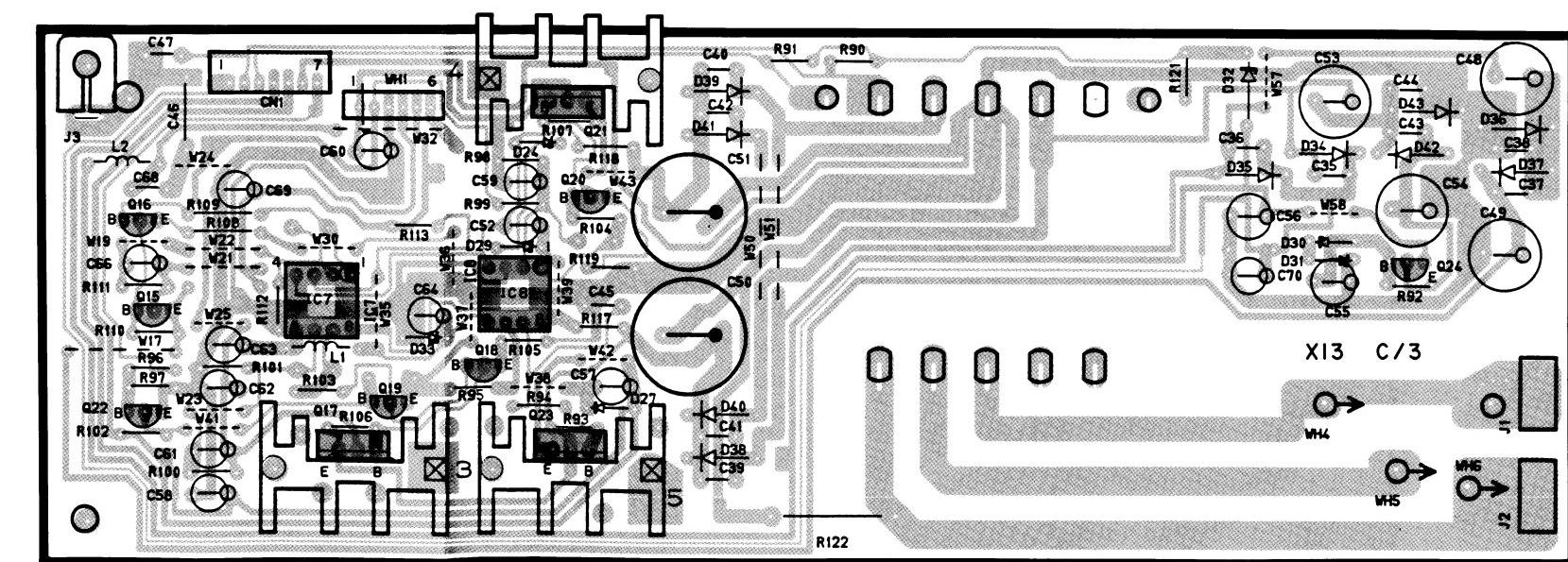
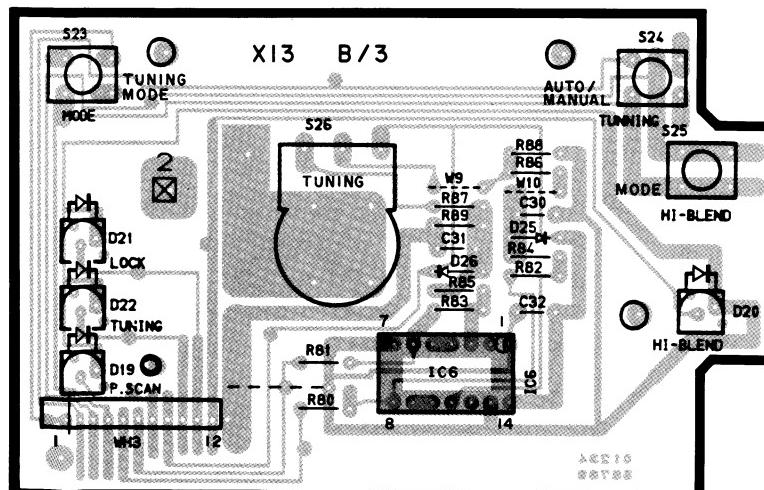
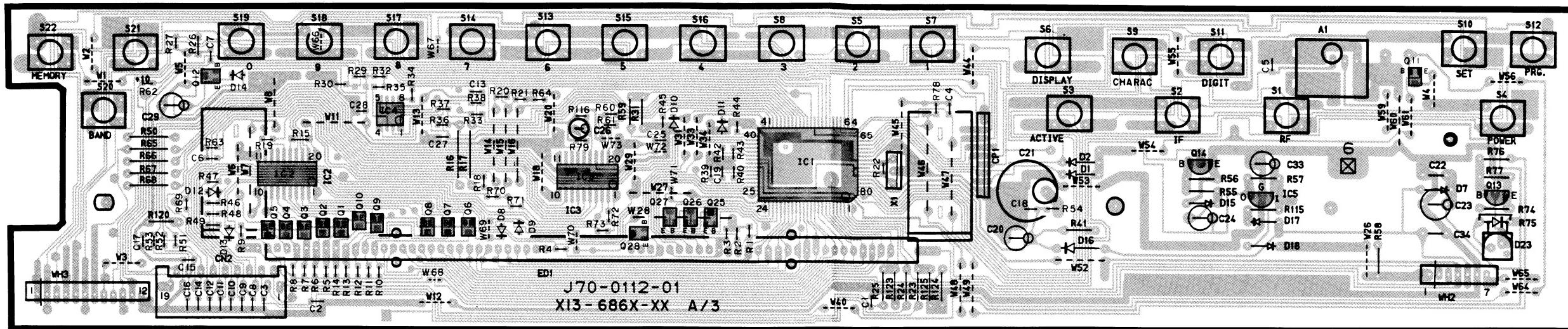
No.	ITEM	INPUT SETTINGS (C)	OUTPUT SETTINGS (B)	TUNER SETTINGS 98.0MHz IF BAND: NORMAL	ALIGNMENT POINTS VR12(3rd) (X05-)	ALIGN FOR Minimum distortion.	FIG.
14	DISTORTION(6) STEREO	98.0MHz SELECTOR: L R 1kHz, ±6.25kHz dev Pilot: ±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: NORMAL	VR12(3rd) (X05-)	Minimum distortion.	
15	DISTORTION(7) STEREO	(C) 98.0MHz SELECTOR: L-R 1kHz, ±6.25kHz dev Pilot: ±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: NARROW	VR13 (X05-)	Minimum distortion.	
16	PILOT CANCEL	(C) 98.0MHz Pilot: ±6.75kHz dev 80dBμ(ANT input)	Connect an AC voltmeter and an oscilloscope between TP3(PC) and GND.	98.0MHz IF BAND: WIDE	L44 VR16 (X05-)	19kHz signal minimum level.	(c)
17	SEPARATION (1)	(C) 98.0MHz 1kHz, ±6.25kHz dev Pilot: ±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: WIDE	VR17(L) VR18(R) (X05-)	Optimize the separation	
18	SEPARATION (2)	(C) 98.0MHz 1kHz, ±6.25kHz dev Pilot: ±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: NORMAL	VR19(L) VR20(R) (X05-)	Optimize the separation	
19	SEPARATION (3)	(C) 98.0MHz 1kHz, ±6.25kHz dev Pilot: ±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: NARROW	VR21 (X05-)	Optimize the separation	
AM SECTION Keep the AM loop antenna installed. SELECTOR:AM TUNING MODE:AUTO PROGRAM:OFF							
[1]	V τ (1)	-	Connect a DC voltmeter between TP11(VT) and TP12.	530kHz	L51 (X05-)	1.5V	(a)
[2]	V τ (2)	-	Connect a DC voltmeter between TP11(VT) and TP12.	1610kHz	TC2 (X05-)	8.0V	(a)
Repeat alignments [1] and [2] several times.							
[3]	SENSITIVITY (1)	(D) ☆ 630kHz 1kHz, 30% mod	(B)	630kHz	L52 (X05-)	Maximum amplitude and symmetry of the oscilloscope display.	
[4]	SENSITIVITY (2)	(D) ☆ 1440kHz 1kHz, 30% mod	(B)	1440kHz	TC3 (X05-)	Maximum amplitude and symmetry of the oscilloscope display.	
Repeat alignments [3] and [4] several times.							
☆ The peak will be easier to locate if the test loop antenna is used.							

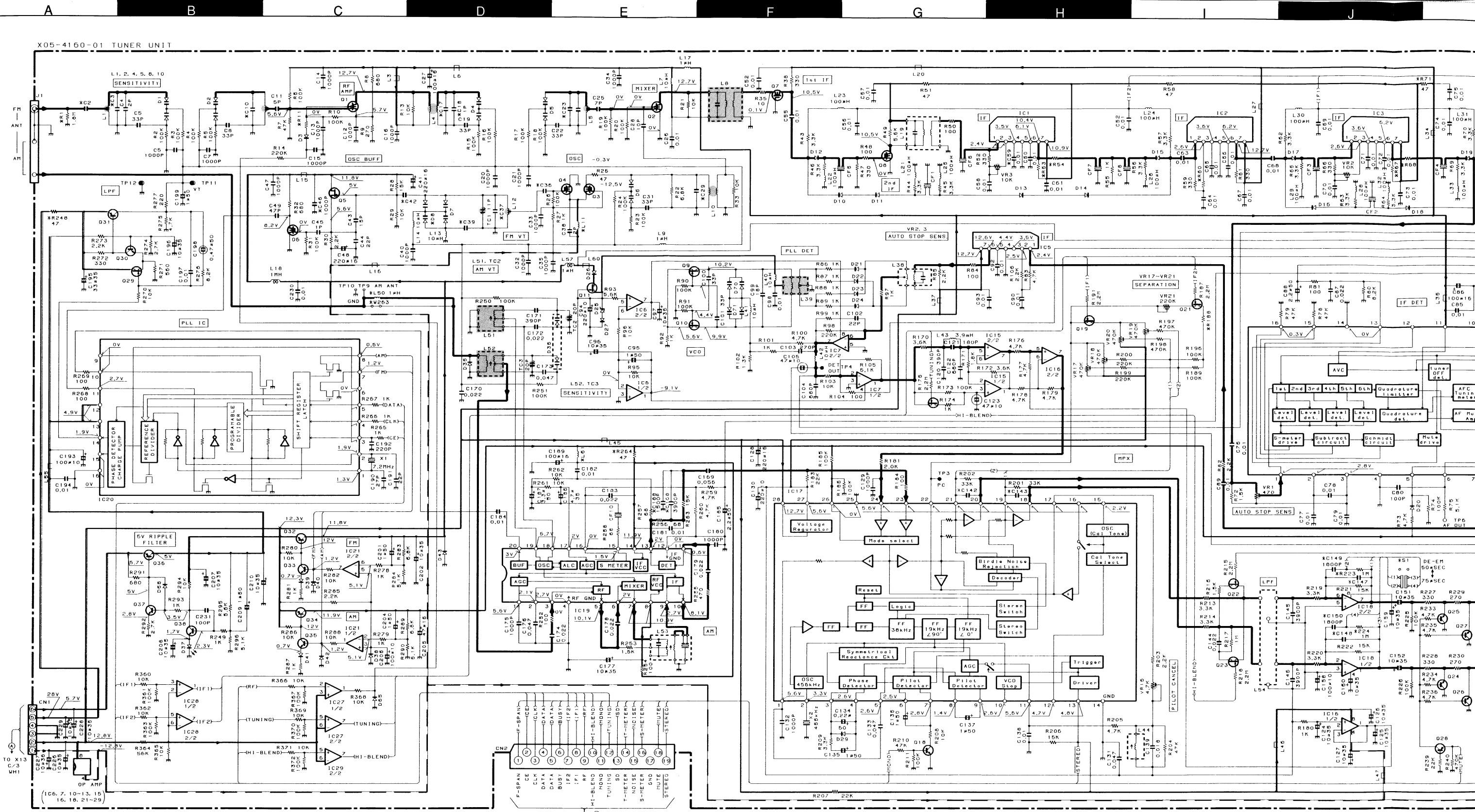


PC BOARD (Component side view)



PC BOARD (Component side view)





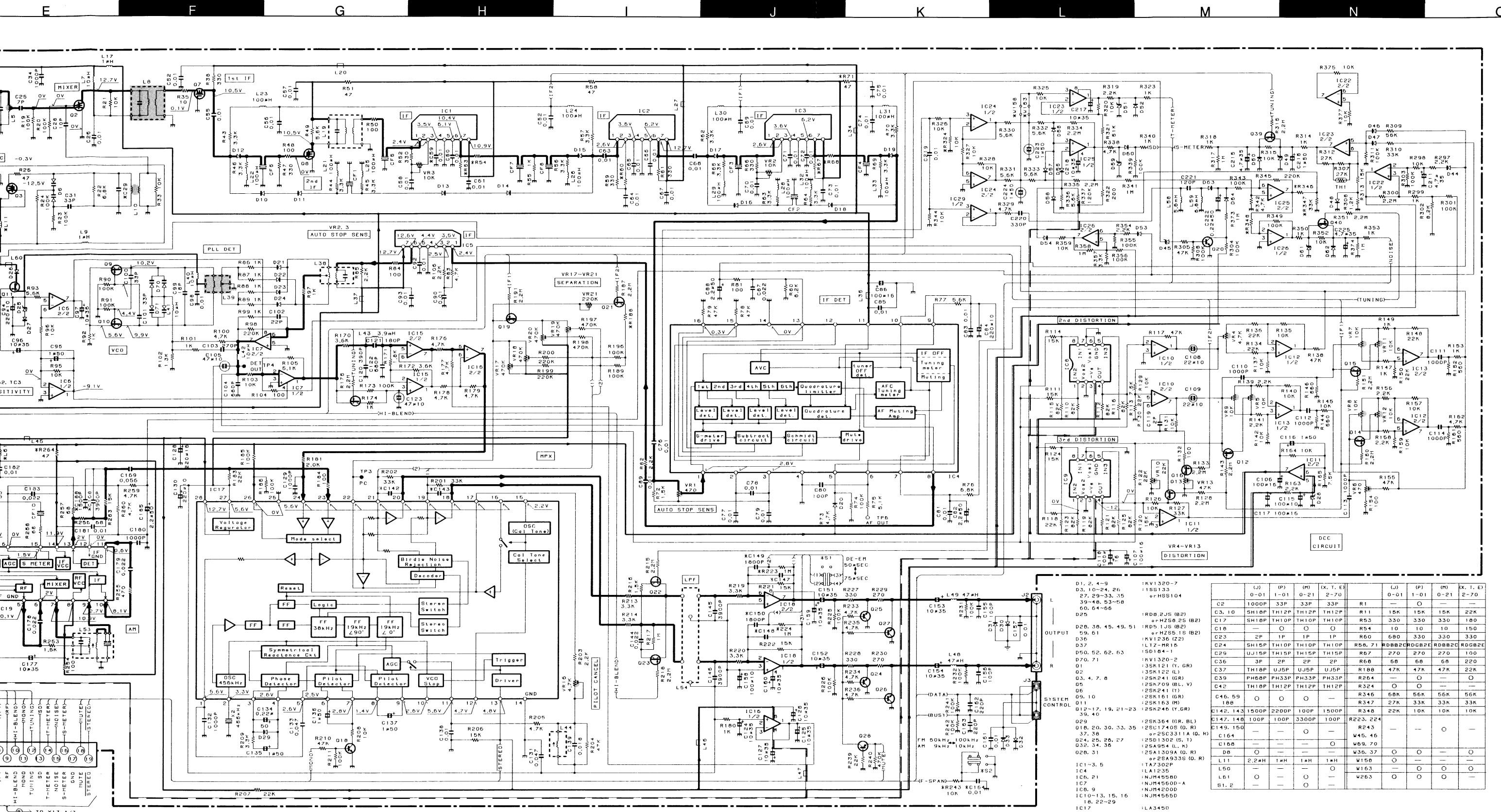
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DC voltages are as measured with a high-impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units. Values in parentheses are as measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une force de signal de 60 dB à la borne ANT). Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Les valeurs entre parenthèses doivent être mesurées pendant la réception d'un signal de programme AM avec une force de signal de 60 dB à la borne ANT).

Die angegebenen Werte sind für die Messung während der Empfangnahme eines UKW-Signals (mit einer Signalfähre von 60 dB an der ANT-Buchse) bestimmt. Die Werte können aufgrund von Unterschieden zwischen einzelnen Instrumenten und Einheiten leicht abweichen. Werte in Klammern sind während der AM-Empfangnahme (mit einer Signalfähre von 60 dB an der ANT-Buchse) bestimmt.



DC voltages are as measured with a high-impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units. Values in parentheses are as measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

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Les valeurs entre parenthèses doivent être mesurées pendant la réception d'un signal de programme AM avec une force de 60 dB à la borne ANT.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser bei Empfang eines UKW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig. Die eingeklammerten Gleichspannungswerte wurden bei Empfang eines MW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen.

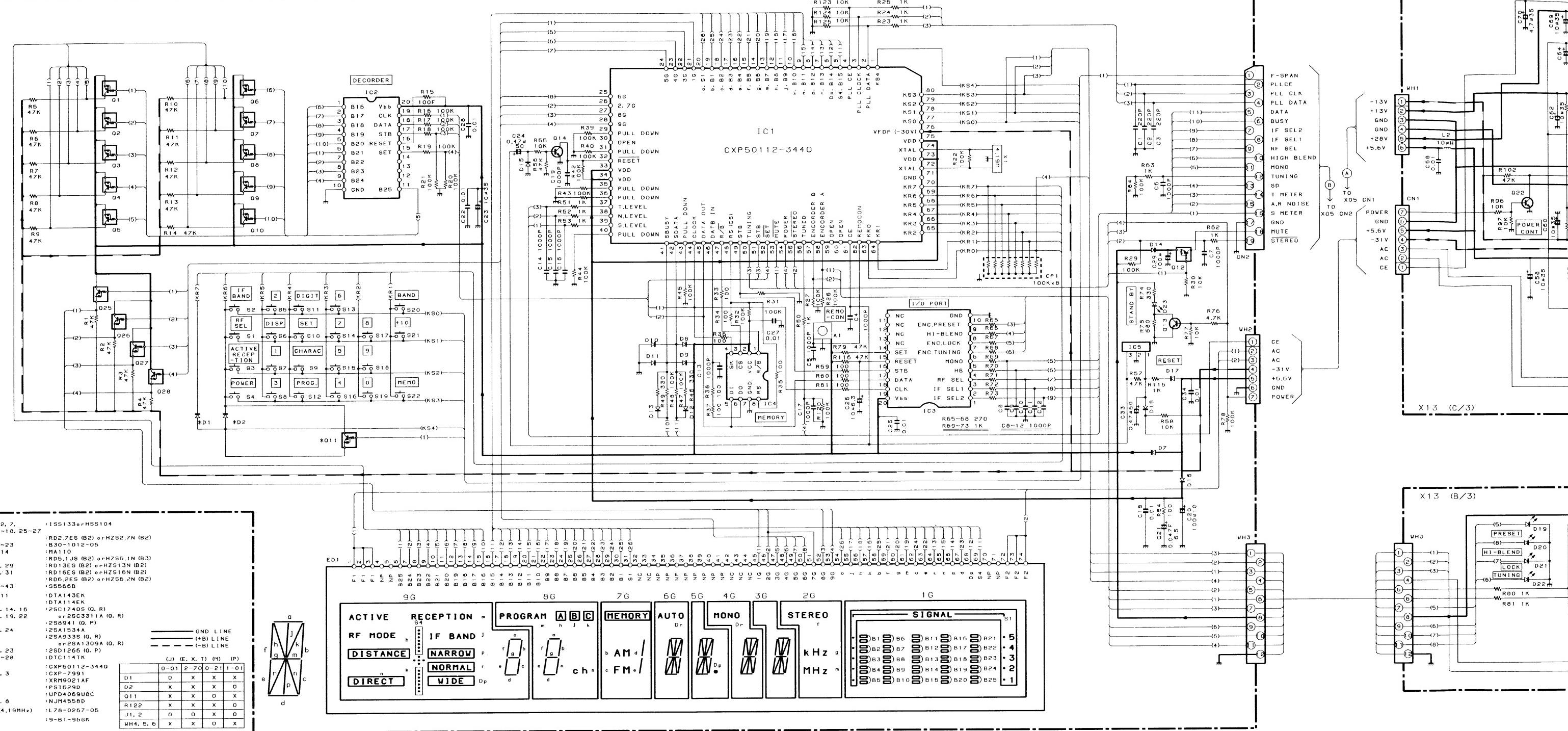
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(J)	(P)	(M)	(X, T, E)	(J)	(P)	(M)	(X, T, E)
0-01	1-01	0-21	2-70	R1	—	O	—
C2	1000P	33P	33P	R11	15K	15K	22K
C3, 10	SH16P	TH12P	TH12P	R53	330	330	160
C17	SH16P	TH10P	TH10P	R54	10	10	150
C18	—	O	O	R55	650	330	330
C23	2P	1P	1P	R56, 71	RDBB2C RDBB2C RDBB2E	—	—
C24	SH16P	TH10P	TH10P	R67	270	270	270
C36	3P	2P	2P	R68	68	68	68
C37	TH16P	U5P	U5P	R188	47K	47K	22K
C39	PH68P	PH33P	PH33P	R264	—	O	—
C42	TH16P	TH12P	TH12P	R324	O	O	—
C46, 59	188	O	O	R346	68K	56K	56K
C142, 143	1500P	2200P	100P	R347	27K	33K	33K
C147, 148	100P	100P	3300P	R348	22K	10K	10K
C149, 150	—	—	100P	R223, 224	—	—	—
C164	—	O	—	R243	—	—	—
C166	—	—	O	V45, 46	—	—	—
D6	O	—	—	W69, 70	—	—	—
L11	2,2H	1H	1H	W156	O	—	—
L50	—	—	O	W163	—	O	—
L61	O	—	O	W263	O	O	—
S1, 2	—	—	O	—	—	—	—
IC17	LA3450	—	—	—	—	—	—
IC19	LA1245	—	—	—	—	—	—
IC20	LM7001	—	—	—	—	—	—
TH1	SDT1000	—	—	—	—	—	—

X13-6860-01 (A/3) SUB-CIRCUIT UNIT



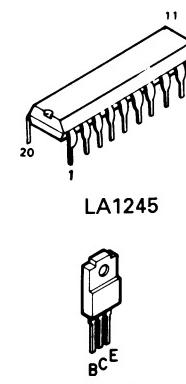
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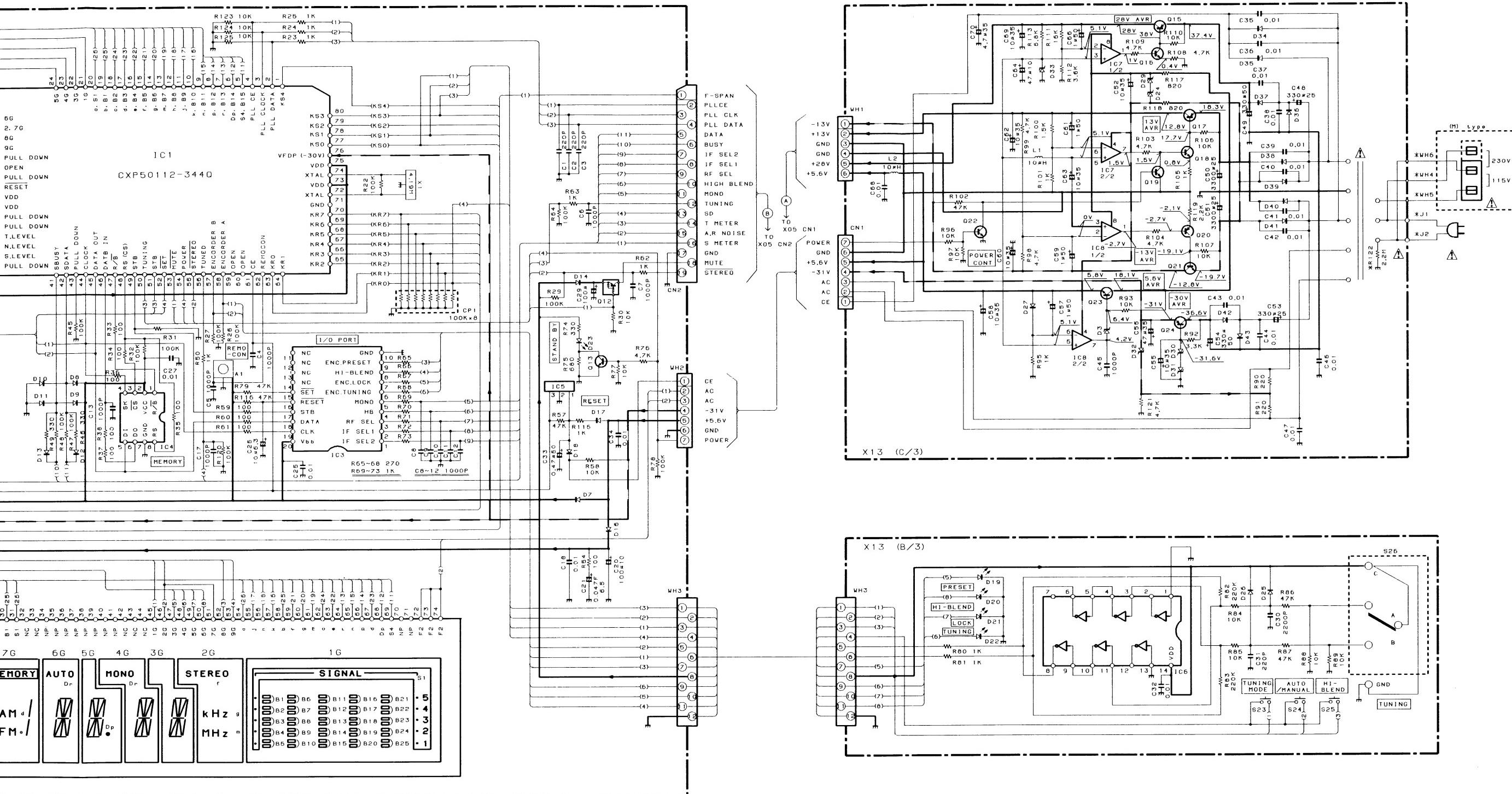
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Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une force de signal de 60 dB à la borne ANT). Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Les valeurs entre parenthèses doivent être mesurées pendant la réception d'un signal de programme AM avec une force de signal de 60 dB à la borne ANT).

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser bei Empfang eines UKW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig. Die eingeklammerten Gleichspannungswerte wurden bei Empfang eines MW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen.

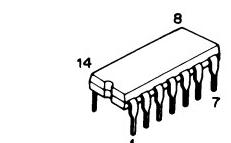
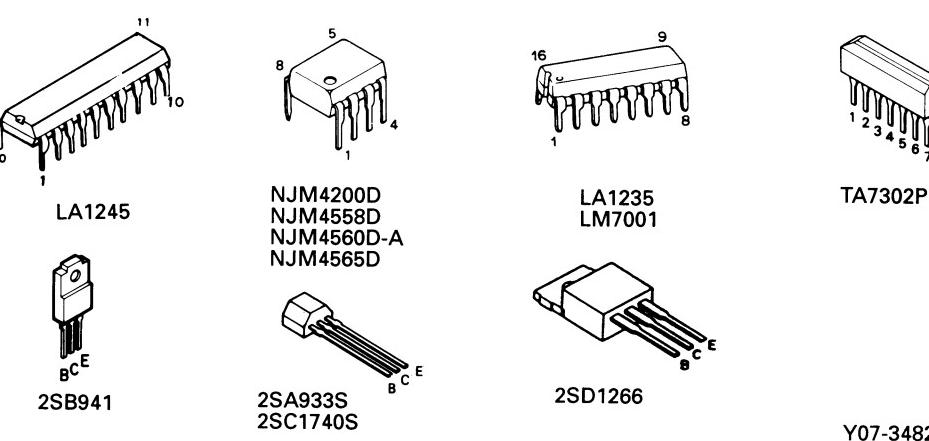




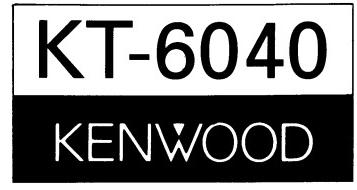
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Les valeurs entre parenthèses doivent être mesurées pendant la réception d'un signal de programme AM avec une force de signal de 60 dB à la borne ANT).

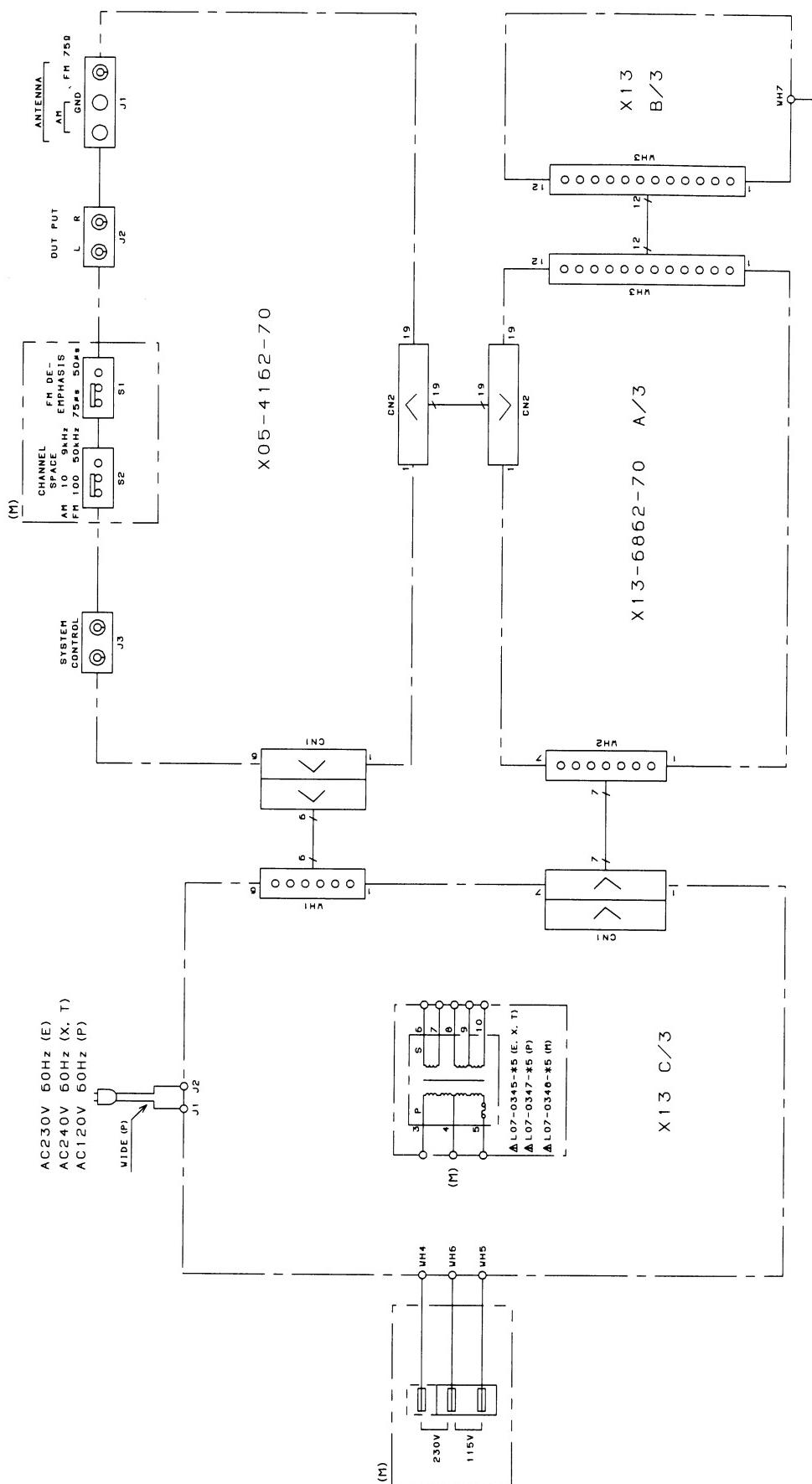
Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser bei Empfang eines UKW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig. Die eingeklammerten Gleichspannungswerte wurden bei Empfang eines MW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen.



UPD4069UBC

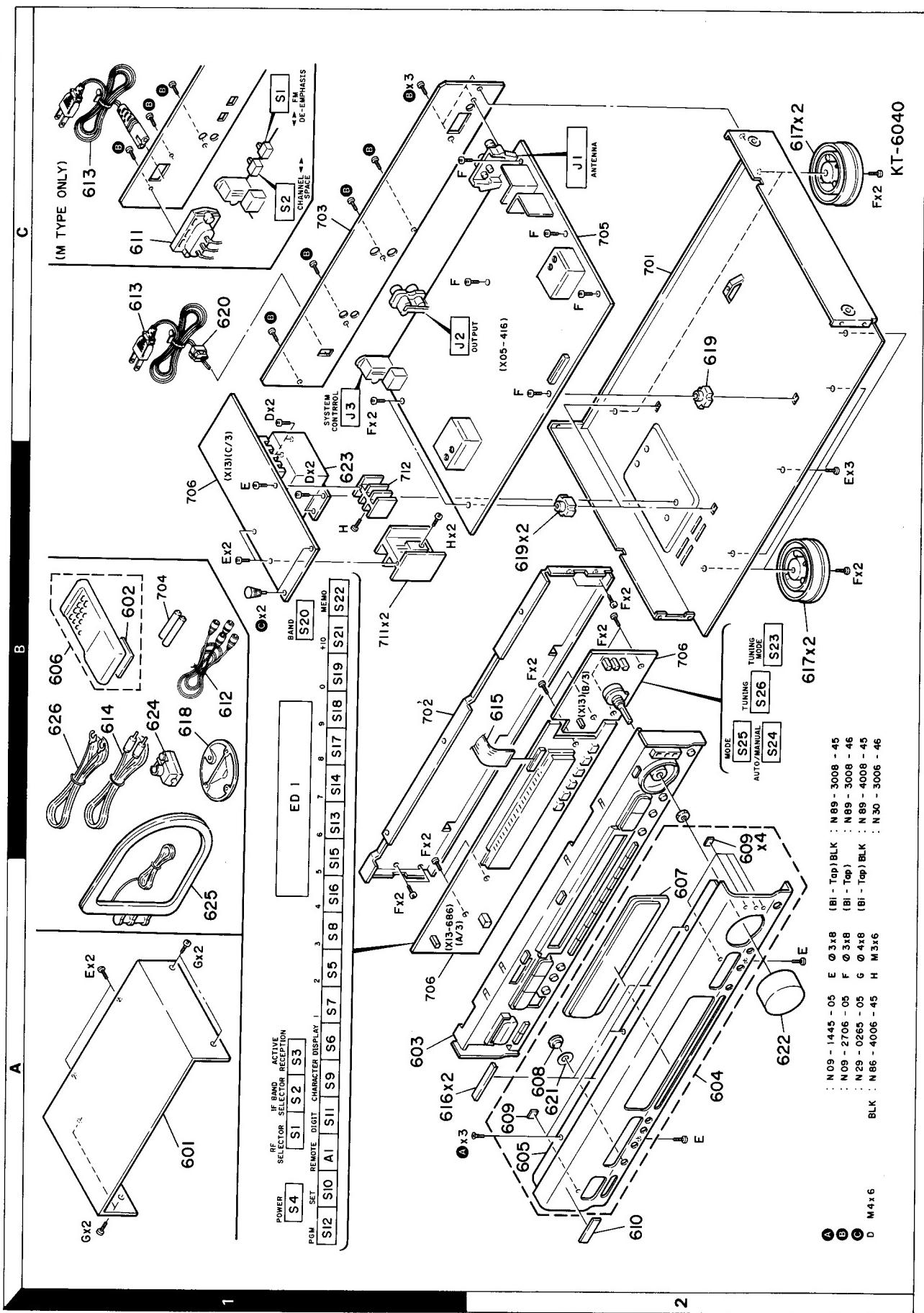


WIRING DIAGRAM



KT-6040

EXPLODED VIEW



PARTS LIST

No.2

Ref. No.	參照番号	Address	New Parts	部品番号	Parts No.	Description	部品名／規格	Desti- nation	Re- marks
C			N29	0-265-05	PUSH RIVET				
D			N66	-0006-45	BINDING HEAD	CERAMIC	33PF	J	
E			N89	-3008-45	TAPITE	CERAMIC	1.2PF	J	
F			N89	-3008-46	SCREW	CERAMIC	2.0PF	C	
G			N89	-4008-45	SCREW	CERAMIC	33PF	J	
624	625	1B	T90	-0136-05	BINDING HEAD	CERAMIC	1000PF	K	
625	1A	T90	-0173-05	TAPITE	CERAMIC	12PF	J		
626	1B	T90	-0176-05	SCREW	CERAMIC	5.0PF	C		
				LOOP ANTENNA	ANTENNA ADAPTER	CERAMIC	1000PF	K	
				T TYPE ANTENNA	LED	CERAMIC	10PF	D	
D37				LTT-Z-NR15					
C2				CC45FSL1H330J					
C3				CC45FPH1H202C					
C4				CC45FSL1H020C					
C5				CK45FBP1H302J					
C6	, 7			CK45FBP1H102C					
C8				CC45FPH1H330J					
C10				CC45STH1H202J					
C11				CC45STH1H102J					
C12	-16			CC45SBL1H050C					
C17				CC45SBL1H102C					
C18				CC45FTH1H100D					
C19				CC45SPH1H310C					
C20	, 21			CC45SPH1H102X					
C22				CC45SPH1H330J					
C23				CC45FSL1H010C					
C24				CC45FTH1H100D					
C25				CC45FSL1H020D					
C26				CC45FSL1H020C					
C27				CE044W1H101M	ELECTRO	CERAMIC	0.010UF	Z	
C28				CC45FSL1H100D					
C29				CC45SBL1H102C					
C31				CC45FPH1H330J					
C32	-35			CC45FPH1H202C					
C36				CC45FSL1H020C					
C37				CC45SBL1H050C					
C38				CC45FSL1H020C					
C39				CC45FPH1H330J					
C40				CC45FBP1H102C					
C41				CE044W1H222M	ELECTRO	CERAMIC	220UF	16WV	
C42				CC45FTH1H120J					
C43				CC45FSL1H150J					
C44				CC45SBL1H220D					
C45				CC45FSL1H101C					
C46				CC45FBP1H102C					
C47				CC45FBP1H102K					
C48				CC45FW1G221M	ELECTRO	CERAMIC	1000PF	K	
C49				CC45FSL1H470					
C52				CC45FSL1H1032					
C55	-58			CK45FF1H1032					
C59				CK45FF1H1032					
C60	-79			CC45FSL1H1032					
C80				CK45FF1H1032					
C81				CK45FF1H1032					
C82				CE044W1H222M					

* New Parts
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Ref. No.	参照番号	Address	Parts No.	Description	部品名 / 規格	Desti- nation 向 仕	Re- marks 備考
KT - 6040							
601	1A	A01-1801-01	METALLIC CABINET				
602	1B	A09-0114-08	BATTERY COVER				
603	1A	A22-1502-01	SUB PANEL				
604	2A	A00-0096-02	PANEL ASSY				
605	2A	A00-0097-02	PANEL				
606	1B	A00-0542-05	REMOTE CONTROLLER ASSY				
606	1B	A00-0563-05	REMOTE CONTROLLER ASSY				
607	2A	B10-1863-03	FRONT GLASS				
608	2A	B12-0237-04	COLOR FILTER				
609	2A	B12-0162-04	INDICATOR				
610	2A	B13-0287-04	KENWOOD BANGE				
-	-	B16-0096-23	WARRANTY CARD			X	
-	-	B46-0121-03	WARRANTY CARD			P	
-	-	B46-0122-13	WARRANTY CARD			P	
-	-	B46-0143-13	WARRANTY CARD			T	
-	-	B50-0544-00	INSTRUCTION MANUAL (ENGLISH)				
-	-	B50-0546-00	INSTRUCTION MANUAL (FRENCH)			EP	
-	*	B50-0547-00	INSTRUCTION MANUAL (G.D.)			E	
-	*	B50-0548-00	INSTRUCTION MANUAL (SPA, CHI)			N	
611	1C	E03-0102-25	AC INLET			H	
612	1B	E03-0505-05	AUDIO CORD			E	
612	1C	E03-0505-05	AC POWER CORD			E	
613	1C	E30-0729-05	AC POWER CORD (INLET)			P	
613	1C	E30-1329-05	AC POWER CORD			H	
613	1C	E30-1341-05	AC POWER CORD			X	
613	1C	E30-1416-05	AC POWER CORD			T	
614	1B	E30-0977-05	CORD WITH PLUG				
615	1B	E31-4790-05	WIRING HARNESS				
616	1A	G11-0165-04	SOFT TAPE	(120X5X2)			
-	*	H10-5162-02	POLYSTYRENE FOAMED FIXTURE				
-	*	H10-5163-02	POLYSTYRENE FOAMED FIXTURE				
-	*	H20-0181-04	PROTECTION BAG (150X260X0.05)			EPMX	
-	*	H25-0224-04	PROTECTION BAG (800X400X0.03)			EPMX	
-	*	H25-0232-04	PROTECTION BAG (235X350X0.03)				
-	*	H25-0651-04	PROTECTION BAG (0232 PRINTED)			T	
-	*	H25-0653-04	PROTECTION BAG (0224 PRINTED)			T	
-	*	H55-0125-04	ITEM CARTON CASE				
617	2B, 2C	J02-1002-05	FOOT				
618	1B	J19-2815-04	ANTENNA HOLDER				
619	2B, 2C	J19-3179-05	UNIT HOLDER				
620	1C	J42-0083-05	POWER CORD BUSHING			EPXT	
621	2A	J58-0080-04	ADHESIVE TAPE				
-	-	J61-0307-05	WIRE BAND			H	
622	2A	K29-4292-04	KNOB (TUNING)				
623	1B	L07-0345-05	POWER TRANSFORMER			EXT	
623	1B	L07-0347-05	POWER TRANSFORMER			P	
623	1B	L07-0348-05	POWER TRANSFORMER			H	
A	B	N09-2706-05	SET SCREW (M3X8)				

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Ref. No.	参照番号	Address	New Parts	部品番号	Parts No.	Description	Desti- nation	Re- marks
C D E F G			N29 N69 N69 N69 N69	N29-0265-05 N69-4005-45 N69-3008-45 N69-3008-46 N69-4008-45	PUSH RIVET BINDING HEAD TAPITE SCREW BINDING HEAD TAPITE SCREW BINDING HEAD TAPITE SCREW BINDING HEAD TAPITE SCREW			
624 625 626	1B 1A 1B		T90 T90 T90-0136-05 T90-0173-05 T90-0175-05	ANTENNA ADAPTER LOOP ANTENNA	T TYPE ANTENNA			
D37				LITZ-MR15	LITZ UNIT (X05 - 4162 - 70)			
C2 C3 C4 C5 C6 C8 C10 C11 C12 C17	7			CC45FSL1H330J CC45FSL1H020J CC45SPH1H330J CK45FB1H102K CC45SPH1H330J CC45FSL1H020J CK45FB1H102K CC45FSL1H010C CC45SPH1H100D	CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	33PF 12PF 2.0PF 33PF 1000PF 33PF 12PF 5.0PF 1000PF 10PF	J J J K J J K C D	
C18 C19 C20 C22				CC45FSL1H010C CC45SPH1H330J CK45FB1H102K CC45SPH1H330J	CERAMIC CERAMIC CERAMIC CERAMIC	1.0PF 33PF 1000PF 33PF	C J K J	
C23 C24 C25 C26 C27 C28				CC45FSL1H010C CC45FTTH100D CC45SL1H070D C445F1H1030 CE04W1C101M CC45FSL1H100D	CERAMIC CERAMIC CERAMIC CERAMIC ELECTRO CERAMIC	1.0PF 10PF 7.0PF 0.010UF 100UF 10PF	C D D Z 16W D	
C29 C31 C32 C36 C37	-35			CC45FTTH1150J CC45SPH1H330J CK45FB1H102K CC45FSL1H020C CC45FJU1H050C	CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	15PF 33PF 1000PF 2.0PF 5.0PF	J J K C C	
C38 C39 C40 C41 C42				CC45FSL1H020C CC45SPH1H330J CK45FB1H102K CE04W1C221M CC45FTTH1120J	CERAMIC CERAMIC CERAMIC ELECTRO CERAMIC	2.0PF 33PF 1000PF 220UF 12PF	C J K J J	
C43 C44 C45 C46 C47				CC45FSL1H150J CC45FSL1H220D CC45SL1H010C C445FB1H102K CK45FB1H102K	CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	15PF 22PF 1.0PF 1000PF 1000PF	J D C K K	
C48 C49 C52 C55 C59				* CE04W1C221M CC45FSL1H0470J CC45SL1H032 CK45F1H1032 CK45FB1H102K	ELECTRO CERAMIC CERAMIC CERAMIC CERAMIC	220UF 47PF 0.010UF 0.010UF 0.010UF	16W J Z Z Z	
C60 C80 C81 C82	-79			CK45F1H1032 CC45SL1H101J CK45F1H1032 CE04W1C221M	CERAMIC CERAMIC CERAMIC ELECTRO	0.010UF 100PF 0.010UF 2.2UF	Z J Z 50WV	

 indicates safety critical components.

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No.3

Ref. No.	Address	New Parts	Parts No.	Description	部品名／規格	Desti- nation 向	Re- marks 備考
C103	CK45FF1H103Z	CERAMIC	0.010UF	Z			
C104	CK04KWW1A221M	ELECTRO	220UF	10WV			
C105	CK45FF1H103Z	CERAMIC	0.010UF	Z			
C106	CK04KWW1C101M	ELECTRO	100UF	16W			
C107	CK45FF1H223Z	CERAMIC	0.022UF	Z			
C108	CK04KWW1H222M	ELECTRO	2.2UF	50WV			
C109	CK45FF1H103Z	CERAMIC	0.010UF	Z			
C110	CK45FF1H103Z	CERAMIC	0.010UF	Z			
C111	CK04KWW1A221M	ELECTRO	220UF	10WV			
C112	CK04KWW1H010M	ELECTRO	1.0UF	50WV			
C113	CK04KWW1V100M	ELECTRO	10UF	35WV			
C114	CK45FF1H103Z	CERAMIC	0.010UF	Z			
C115	CK45FF1H103Z	CERAMIC	0.010UF	Z			
C116	CK04KWW1H681K	ELECTRO	4.7UF	10WV			
C117	CK45FF1H103Z	CERAMIC	0.010UF	Z			
C118	CC45FSL1H330J	ELECTRO	100UF	16WV			
C119	CC45FSL1H220J	CERAMIC	2.0PF	C			
C120	CK45FSL1H220J	CERAMIC	390PF	X			
C121	CC45FSL1H101M	CERAMIC	680PF	X			
C122	CK04KWW1H681K	ELECTRO	1.0UF	50WV			
C123	CK45FF1C101M	CERAMIC	100UF	16WV			
C124	CC45FSL1H020C	ELECTRO	10UF	35WV			
C125	CK45FBL1H271J	CERAMIC	270PF	J			
C126	CK04KWW1H103Z	CERAMIC	680PF	X			
C127	CK45FF1H103Z	NP-ELEC	4.7UF	10WV			
C128	CK45FF1H103Z	ELECTRO	100UF	16WV			
C129	CK04KWW1H102J	CERAMIC	1000PF	J			
C130	CK04KWW1H221M	ELECTRO	220UF	10W			
C131	CK45FF1H473J	MF	0.047UF	J			
C132	CK45FF1H102J	MF	1000PF	J			
C133	CF22FV1H473J	MF	0.047UF	J			
C134	CE04KWW1C221M	ELECTRO	0.22UF	50WV			
C135	CK04KWW1H102J	ELECTRO	1.0UF	50WV			
C136	CK04KWW1H102J	MYLAR	0.010UF	J			
C137	CK04KWW1H102J	MYLAR	0.010UF	J			
C138	CK04KWW1H102J	MYLAR	0.010UF	J			
C139	CK45FSL1H101J	CERAMIC	100PF	J			
C140	CK45FSL1H101J	CERAMIC	1500PF	J			
C141	CK45FSL1H101J	CERAMIC	2000PF	J			
C142	CK45FSL1H101J	MF	3000PF	J			
C143	CK45FSL1H101J	MF	3000PF	J			
C144	CK45FSL1H101J	ELECTRO	1.0UF	50WV			
C145	CK45FSL1H101J	CERAMIC	100PF	J			
C146	CK45FSL1H101J	CERAMIC	100PF	J			
C147	CK45FSL1H101J	CERAMIC	100PF	J			
C148	CK45FSL1H332J	CERAMIC	3300PF	J			
C149	CK45FSL1H101J	MF	1800PF	J			
C150	CK45FSL1H101J	ELECTRO	1.0UF	35WV			
C151	CK45FSL1H101J	CERAMIC	100PF	J			
C152	CK45FSL1H101J	CERAMIC	100PF	J			
C153	CK45FSL1H101J	CERAMIC	100PF	J			
C154	CK45FSL1H101J	CERAMIC	100PF	J			
C155	CK45FSL1H101J	CERAMIC	100PF	J			
C156	CK45FSL1H101J	CERAMIC	100PF	J			
C157	CK45FF1H103Z	CERAMIC	0.010UF	Z			
C158	CK04KWW1A101M	ELECTRO	1.0UF	35WV			
C159	CK45FF1H103Z	CERAMIC	0.010UF	Z			
C160	CK45FSL1H221J	CERAMIC	220PF	J			
C161	CK45FSL1H221J	CERAMIC	220PF	J			
C162	CK45FSL1H221J	CERAMIC	220PF	J			

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No.4

Ref. No.	Address	New Parts	Parts No.	Description	部品番号	Parts No.	Desti- nation 向	Re- marks 備考
C164	CK45FF1H103Z	CERAMIC	0.010UF	Z	C164	CK45FF1H103Z	EXT	
C165	CK92FV1H192J	MF	3900PF	J	C165	CK92FV1H192J	EXT	
C166	CK45FF1H192J	MF	0.022UF	Z	C166	CK45FF1H192J	EXT	
C167	CK92FCH1H391J	CERAMIC	390PF	J	C167	CK92FCH1H391J	EXT	
C168	CK45FF1H223Z	CERAMIC	0.022UF	Z	C168	CK45FF1H223Z	EXT	
C169	CK45FF1H103Z	CERAMIC	0.047UF	Z	C169	CK45FF1H103Z	EXT	
C170	CK45FF1H103Z	CERAMIC	0.022UF	Z	C170	CK45FF1H103Z	EXT	
C171	CK45FF1H103Z	CERAMIC	0.022UF	Z	C171	CK45FF1H103Z	EXT	
C172	CK45FF1H103Z	CERAMIC	0.022UF	Z	C172	CK45FF1H103Z	EXT	
C173	CK45FF1H103Z	CERAMIC	0.022UF	Z	C173	CK45FF1H103Z	EXT	
C174	CK45FF1H103Z	CERAMIC	0.022UF	Z	C174	CK45FF1H103Z	EXT	
C175	CK45FF1H103Z	CERAMIC	0.022UF	Z	C175	CK45FF1H103Z	EXT	
C176	CK45FF1H103Z	CERAMIC	0.047UF	Z	C176	CK45FF1H103Z	EXT	
C177	CK45FF1H103Z	ELECTRO	10UF	35WV	C177	CK45FF1H103Z	EXT	
C178	CK45FF1H103Z	ELECTRO	10UF	35WV	C178	CK45FF1H103Z	EXT	
C179	CK45FF1H103Z	ELECTRO	10UF	35WV	C179	CK45FF1H103Z	EXT	
C180	CK45FF1H103Z	ELECTRO	10UF	35WV	C180	CK45FF1H103Z	EXT	
C181	CK45FF1H103Z	ELECTRO	10UF	35WV	C181	CK45FF1H103Z	EXT	
C182	CK45FF1H103Z	ELECTRO	10UF	35WV	C182	CK45FF1H103Z	EXT	
C183	CK45FF1H103Z	ELECTRO	10UF	35WV	C183	CK45FF1H103Z	EXT	
C184	CK45FF1H103Z	ELECTRO	10UF	35WV	C184	CK45FF1H103Z	EXT	
C185	CK45FF1H103Z	ELECTRO	10UF	35WV	C185	CK45FF1H103Z	EXT	
C186	CK45FF1H103Z	ELECTRO	4.7UF	50WV	C186	CK45FF1H103Z	EXT	
C187	CK45FF1H103Z	ELECTRO	3.3UF	35WV	C187	CK45FF1H103Z	EXT	
C188	CK45FF1H152J	ELECTRO	100UF	16W	C188	CK45FF1H152J	EXT	
C189	CK04KWW1C101M	ELECTRO	22PF	J	C189	CK04KWW1C101M	EXT	
C190	CK45FF1H223Z	CERAMIC	22PF	J	C190	CK45FF1H223Z	EXT	
C191	CK45FF1H220J	CERAMIC	220PF	J	C191	CK45FF1H220J	EXT	
C192	CK45FF1H221J	CERAMIC	220PF	J	C192	CK45FF1H221J	EXT	
C193	CK45FF1H101M	ELECTRO	1000UF	10WV	C193	CK45FF1H101M	EXT	
C194	CK04KWW1C101M	ELECTRO	33UF	35WV	C194	CK04KWW1C101M	EXT	
C195	CK45FF1H103Z	CERAMIC	10UF	35WV	C195	CK45FF1H103Z	EXT	
C196	CK04KWW1V100M	ELECTRO	10UF	35WV	C196	CK04KWW1V100M	EXT	
C197	CK45FF1H103Z	CERAMIC	0.010UF	Z	C197	CK45FF1H103Z	EXT	
C198	CS0-1331-05	NP-ELEC	0.47UF	50WV	C198	CS0-1331-05	EXT	
C199	CE04KWW1H101M	ELECTRO	1.0UF	50WV	C199	CE04KWW1H101M	EXT	
C200	CE04KWW1V100M	ELECTRO	1.0UF	35WV	C200	CE04KWW1V100M	EXT	
C201	CE04KWW1H101M	ELECTRO	1.0UF	35WV	C201	CE04KWW1H101M	EXT	
C202	CE04KWW1V100M	ELECTRO	1.0UF	35WV	C202	CE04KWW1V100M	EXT	
C203	CE04KWW1H101M	ELECTRO	1.0UF	35WV	C203	CE04KWW1H101M	EXT	
C204	CE04KWW1H101M	ELECTRO	1.0UF	35WV	C204	CE04KWW1H101M	EXT	
C205	CE04KWW1C1470M	ELECTRO	4.7UF	16W	C205	CE04KWW1C1470M	EXT	
C206	CE04KWW1H101M	ELECTRO	1000UF	10W	C206	CE04KWW1H101M	EXT	
C207	CE04KWW1V100M	ELECTRO	1.0UF	35WV	C207	CE04KWW1V100M	EXT	
C208	CE04KWW1H101M	ELECTRO	1.0UF	35WV	C208	CE04KWW1H101M	EXT	
C209	CE04KWW1V100M	ELECTRO	1.0UF	35WV	C209	CE04KWW1V100M	EXT	
C210	CE04KWW1H101M	ELECTRO	1.0UF	35WV	C210	CE04KWW1H101M	EXT	
C211	CE04KWW1V100M	ELECTRO	2.2UF	50WV	C211	CE04KWW1V100M	EXT	
C212	CE04KWW1V100M	ELECTRO	2.2UF	50WV	C212	CE04KWW1V100M	EXT	
C213	CE04KWW1V100M	ELECTRO	2.2UF	50WV	C213	CE04KWW1V100M	EXT	
C214	CE04KWW1V100M	ELECTRO	2.2UF	50WV	C214	CE04KWW1V100M	EXT	
C215	CE04KWW1V100M	ELECTRO	2.2UF	50WV	C215	CE04KWW1V100M	EXT	
C216	CE04KWW1V100M	ELECTRO	4.7UF	16W	C216	CE04KWW1V100M	EXT	
C217	CE04KWW1V100M	ELECTRO	4.7UF	16W	C217	CE04KWW1V100M	EXT	
C218	CE04KWW1V100M	ELECTRO	4.7UF	16W	C218	CE04KWW1V100M	EXT	
C219	CE04KWW1V100M	ELECTRO	4.7UF	16W	C219	CE04KWW1V100M	EXT	
C220	CE04KWW1V100M	ELECTRO	4.7UF	16W	C220	CE04KWW1V100M	EXT	
C221	CE04KWW1V100M	ELECTRO	4.7UF	16W	C221	CE04KWW1V100M	EXT	
C222	CE04KWW1V100M	ELECTRO	4.7UF	16W	C222	CE04KWW1V100M	EXT	
C223	CE04KWW1V100M	ELECTRO	4.7UF	16W	C223	CE04KWW1V100M	EXT	
C224	CE04KWW1V100M	ELECTRO	4.7UF	16W	C224	CE04KWW1V100M	EXT	
C225	CE04KWW1V100M	ELECTRO	4.7UF	16W	C225	CE04KWW1V100M	EXT	
C226	CE04KWW1V100M	ELECTRO	10UF	35WV	C226	CE04KWW1V100M	EXT	
C227	CE04KWW1V100M	ELECTRO	10UF	35WV	C227	CE04KWW1V100M	EXT	
C228	CE04KWW1V100M	ELECTRO	10UF	35WV	C228	CE04KWW1V100M	EXT	
C229	CE04KWW1V100M	ELECTRO	10UF	35WV	C229	CE04KWW1V100M	EXT	
C230	CE04KWW1V100M	ELECTRO	10UF	35WV	C230	CE04KWW1V100M	EXT	
C231	CE04KWW1V100M	ELECTRO	10UF	35WV	C231	CE04KWW1V100M	EXT	
TC1	CE04KWW1V100M	ELECTRO	10UF	35WV	TC1	CE04KWW1V100M	EXT	
TC2	CE04KWW1V100M	ELECTRO	10UF	35WV	TC2	CE04KWW1V100M	EXT	

L:Scandinavia

P:Canada

T:England

E:Europe

Y:AEE(Europe)

Y:PK(Far East, Hawaii)

PARTS LIST

No.6

Ref. No.	Address	New Parts No.	Parts No.	Description	部品名／規格	Parts No.	Description	部品名／規格	Desti- nation マーク 参考
参照番号	位 置 新	部品番号	部品番号	参照番号	位 置 新	部品番号	部品番号	参照番号	位 置 新
J1	2C	E20-0318-05	SCREEN TERMINAL BOARD (ANTENNA)	VR4		R12-1084-05	TRIM POT. 4.7K (DISTORTION)		
J2	1C	E13-0235-05	PHONE JACK (2P) (OUTPUT)	VR5		R12-3126-05	TRIM POT. 10K (DISTORTION)		
J3	1C	E11-0188-05	MINIATURE PHONE JACK (S.CONT.)	VR6	-9	R12-0108-05	TRIM POT. 4.7K (DISTORTION)		
CF1 , 2		L72-0546-05	CERAMIC FILTER	VR10		R12-3128-05	TRIM POT. 22K (DISTORTION)		
CF3 , 4		L72-0546-05	CERAMIC FILTER	VR11 , 12		R12-3126-05	TRIM POT. 10K (DISTORTION)		
CF5 , -8		L72-0565-05	CERAMIC FILTER	VR13		R12-3132-05	TRIM POT. 4.7K (DISTORTION)		
CF6 , -8		L72-0120-05	CERAMIC FILTER	VR14		R12-1089-05	TRIM POT. 4.7K (PLAT CANCEL)		
CF10 , 1 , 2		L72-0566-05	CERAMIC FILTER	VR17-20		R12-6018-05	TRIM POT. 4.70K (SEPARATION)		
L1		L72-0096-05	CERAMIC FILTER	VR21		R12-5064-05	SLIDE SWITCH (DE.EM.CH.SPACE)		
L3		L72-0545-05	FM-RF COIL (SENSITIVITY)	S1 , 2	1C	S31-2094-05			
L4		L92-0017-05	FERRITE CORE (SENSITIVITY)	D1 , 2		KV1320-6	VARIABLE CAPACITANCE DIODE		
L5		L31-0546-05	FM-RF COIL (SENSITIVITY)	D3		KV1320-6	VARIABLE CAPACITANCE DIODE		
L6		L31-0545-05	FM-RF COIL (SENSITIVITY)	D3		KV1320-6	VARIABLE CAPACITANCE DIODE		
L7		L92-0012-05	FERRITE CORE	D4	-7	HSS133	ZENER DIODE		
L8	*	L31-0495-05	SMALL FIXED INDUCTOR (100UH, K)	D10	-24	HSS133	ZENER DIODE		
L9	*	L32-0017-05	FM IF T	D25		HSS133	ZENER DIODE		
L10	*	L32-0539-05	SMALL FIXED INDUCTOR (10UH)	D25		HSS133	ZENER DIODE		
L11		L40-1091-17	FM OSCILLATING COIL (VC)	D26	-27	HSS133	ZENER DIODE		
L12	*	L32-0537-05	SMALL FIXED INDUCTOR (100UH, K)	D26	-27	HSS133	ZENER DIODE		
L13 , 14		L40-1001-17	SMALL FIXED INDUCTOR (100UH, K)	D26	-27	HSS133	ZENER DIODE		
L15 , 16		L92-0011-05	FERRITE CORE (SENSITIVITY)	D28		HSS133	ZENER DIODE		
L17 , 18		L40-1091-17	SMALL FIXED INDUCTOR (10UH)	D29	-33	HSS133	ZENER DIODE		
L19	*	L30-0495-05	FM IF T	D35		HSS133	ZENER DIODE		
L20		L92-0017-05	FERRITE CORE	D36		HSS133	ZENER DIODE		
L21	-26	L40-0011-17	SMALL FIXED INDUCTOR (100UH, K)	D36		HSS133	ZENER DIODE		
L22	-33	L92-0011-05	FERRITE CORE	D38		HSS133	ZENER DIODE		
L23	, 35	L92-0017-05	FM IF T	D39	-44	HSS133	ZENER DIODE		
L27		L30-0416-05	FM OSCILLATING COIL (VC)	D39	-44	HSS133	ZENER DIODE		
L28		L32-0527-05	SMALL FIXED INDUCTOR (100UH, K)	D45		HSS133	ZENER DIODE		
L29	*	L40-1001-17	SMALL FIXED INDUCTOR (100UH, K)	D45		HSS133	ZENER DIODE		
L30		L40-1011-17	FERRITE CORE	D46	-48	HSS133	ZENER DIODE		
L31		L32-0277-15	MW OSCILLATING COIL (VC)	D49		HSS5.1S(B2)	ZENER DIODE		
L32		L31-0275-29	SMALL FIXED INDUCTOR (3.9mH, J)	D50		HSS5.1S(B2)	ZENER DIODE		
L33		L35-0065-05	MPX COIL	D51		HSS5.1S(B2)	ZENER DIODE		
L34		L92-0017-05	FERRITE CORE	D51		HSS5.1S(B2)	ZENER DIODE		
L45	-47	L40-4701-17	SMALL FIXED INDUCTOR (4.7UH, K)	D52		SD18A-1	ZENER DIODE		
L48	, 49	L79-0154-05	LC FILTER	D53	-58	SD18A-1	ZENER DIODE		
L50		L92-0017-05	FERRITE CORE	D53	-58	SD18A-1	ZENER DIODE		
L55	-57	L40-5625-29	SMALL FIXED INDUCTOR (5.6mH, J)	D59		SD18A-1	ZENER DIODE		
L58		L40-6825-29	SMALL FIXED INDUCTOR (6.8mH, J)	D59		SD18A-1	ZENER DIODE		
L59		L92-0011-05	FERRITE CORE	D60		SD18A-1	ZENER DIODE		
L60	, 61	L77-1122-05	CRYSTAL RESONATOR (7.2MHz)	D61		SD18A-1	ZENER DIODE		
X1		L78-0208-05	(456kHz)	D62	, 63	SD18A-1	ZENER DIODE		
X2			RESONATOR	D63		SD18A-1	ZENER DIODE		
R1		RC05GF2H185M	RC PROBE RD 1.8M	P		HSS5.1S(B2)	ZENER DIODE		
R58		RD14GB2470T	FL PROBE RD 47	D64	-66	SD18A-1	ZENER DIODE		
R71		RD14GB2470J	FL PROBE RD 47	D64	-66	HS104	ZENER DIODE		
R264		RD14GB2470J	FL PROBE RD 47	D64	-66	HS104	ZENER DIODE		
VR1		R12-0108-05	TRIM POT. 10K (AUTO STOP SENS)	D70	, 71	KV1320-2	VARIABLE CAPACITANCE DIODE		
VR2 , 3		R12-3126-05	TRIM POT. 10K (AUTO STOP SENS)	D70	, 71	KV1320-2	VARIABLE CAPACITANCE DIODE		

No.5

Ref. No.	Address	New Parts No.	Parts No.	Description	部品名／規格	Parts No.	Description	部品名／規格	Desti- nation マーク 参考
参照番号	位 置 新	部品番号	部品番号	参照番号	位 置 新	部品番号	部品番号	参照番号	位 置 新
J1	2C	E20-0318-05	SCREEN TERMINAL BOARD (ANTENNA)	VR4		R12-1084-05	TRIM POT. 4.7K (DISTORTION)		
J2	1C	E13-0235-05	PHONE JACK (2P) (OUTPUT)	VR5		R12-3126-05	TRIM POT. 10K (DISTORTION)		
J3	1C	E11-0188-05	MINIATURE PHONE JACK (S.CONT.)	VR6	-9	R12-0108-05	TRIM POT. 4.70K (DISTORTION)		
CF1 , 2		L72-0546-05	CERAMIC FILTER	VR10		R12-3128-05	TRIM POT. 22K (DISTORTION)		
CF3 , 4		L72-0546-05	CERAMIC FILTER	VR11 , 12		R12-3126-05	TRIM POT. 10K (DISTORTION)		
CF5 , -8		L72-0565-05	CERAMIC FILTER	VR13		R12-3132-05	TRIM POT. 4.7K (DISTORTION)		
CF6 , -8		L72-0120-05	CERAMIC FILTER	VR14		R12-1089-05	TRIM POT. 4.7K (PLAT CANCEL)		
CF10 , 1 , 2		L72-0566-05	CERAMIC FILTER	VR17-20		R12-6018-05	TRIM POT. 4.70K (SEPARATION)		
L1		L72-0096-05	CERAMIC FILTER	VR21		R12-5064-05	SLIDE SWITCH (DE.EM.CH.SPACE)		
L3		L72-0545-05	FM-RF COIL (SENSITIVITY)	S1 , 2	1C	S31-2094-05			
L4		L92-0017-05	FERRITE CORE (SENSITIVITY)	D1 , 2		KV1320-6	VARIABLE CAPACITANCE DIODE		
L5		L31-0546-05	FM-RF COIL (SENSITIVITY)	D3		KV1320-6	VARIABLE CAPACITANCE DIODE		
L6		L31-0545-05	FM-RF COIL (SENSITIVITY)	D3		KV1320-6	VARIABLE CAPACITANCE DIODE		
L7		L92-0012-05	FERRITE CORE	D4	-7	HSS133	ZENER DIODE		
L8	*	L31-0495-05	SMALL FIXED INDUCTOR (100UH, K)	D10	-24	HSS133	ZENER DIODE		
L9	*	L40-0017-05	FM IF T	D25		HSS133	ZENER DIODE		
L10	*	L40-0539-05	SMALL FIXED INDUCTOR (10UH)	D25		HSS133	ZENER DIODE		
L11		L40-1091-17	FM OSCILLATING COIL (VC)	D26	-27	HSS133	ZENER DIODE		
L12	*	L32-0537-05	SMALL FIXED INDUCTOR (100UH, K)	D26	-27	HSS133	ZENER DIODE		
L13 , 14		L40-1001-17	SMALL FIXED INDUCTOR (100UH, K)	D26	-27	HSS133	ZENER DIODE		
L15 , 16		L92-0011-05	FERRITE CORE (SENSITIVITY)	D28		HSS133	ZENER DIODE		
L17 , 18		L40-1091-17	SMALL FIXED INDUCTOR (10UH)	D29	-33	HSS133	ZENER DIODE		
L19	*	L30-0495-05	FM IF T	D35		HSS133	ZENER DIODE		
L20		L92-0017-05	FERRITE CORE	D36		HSS133	ZENER DIODE		
L21	-26	L40-0011-17	SMALL FIXED INDUCTOR (100UH, K)	D36		HSS133	ZENER DIODE		
L22	-33	L92-0011-05	FERRITE CORE	D38		HSS133	ZENER DIODE		
L23	, 35	L92-0017-05	FM IF T	D39	-44	HSS133	ZENER DIODE		
L27		L30-0416-05	FM OSCILLATING COIL (VC)	D45		HSS133	ZENER DIODE		
L28		L32-0527-05	SMALL FIXED INDUCTOR (100UH, K)	D45		HSS133	ZENER DIODE		
L29	*	L40-1001-17	SMALL FIXED INDUCTOR (100UH, K)	D46	-48	HSS133	ZENER DIODE		
L30		L40-1011-17	FERRITE CORE	D49		HSS5.1S(B2)	ZENER DIODE		
L31		L40-3925-29	SMALL FIXED INDUCTOR (3.9mH, J)	D50		HSS5.1S(B2)	ZENER DIODE		
L32		L35-0065-05	MPX COIL	D51		HSS5.1S(B2)	ZENER DIODE		
L33		L92-0017-05	FERRITE CORE	D51		HSS5.1S(B2)	ZENER DIODE		
L34		L40-4701-17	SMALL FIXED INDUCTOR (4.7UH, K)	D49		HSS5.1S(B2)	ZENER DIODE		
L45	-47	L40-4701-17	FERRITE CORE	D49		HSS5.1S(B2)	ZENER DIODE		
L48	, 49	L79-0154-05	LC FILTER	D51		HSS5.1S(B2)	ZENER DIODE		
L50		L40-1091-17	FERRITE CORE	D52		HSS5.1S(B2)	ZENER DIODE		
L55	-57	L32-0277-15	MW OSCILLATING COIL (VC)	D53	-58	SD18A-1	ZENER DIODE		
L56		L31-0509-15	AM IF T	D53	-58	SD18A-1	ZENER DIODE		
L57		L30-0467-05	AM IF T	D59		SD18A-1	ZENER DIODE		
L58		L30-1122-05	CRYSTAL RESONATOR (7.2MHz)	D60		SD18A-1	ZENER DIODE		
L59		L77-1122-05	(456kHz)	D61		SD18A-1	ZENER DIODE		
L60	, 61	L78-0208-05	RESONATOR	D62	, 63	SD18A-1	ZENER DIODE		
X1				D63		SD18A-1	ZENER DIODE		
X2				D60		SD18A-1	ZENER DIODE		
R1		RC05GF2H185M	RC PROBE RD 1.8M	P		HSS5.1S(B2)	ZENER DIODE		
R58		RD14GB2470T	FL PROBE RD 47	D64	-66	SD18A-1	ZENER DIODE		
R71		RD14GB2470J	FL PROBE RD 47	D64	-66	HS104	ZENER DIODE		
R264		RD14GB2470J	FL PROBE RD 47	D64	-66	HS104	ZENER DIODE		
VR1		R12-0108-05	TRIM POT. 10K (AUTO STOP SENS)	D70	, 71	KV1320-2	VARIABLE CAPACITANCE DIODE		
VR2 , 3		R12-3126-05	TRIM POT. 10K (AUTO STOP SENS)	D70	, 71	KV1320-2	VARIABLE CAPACITANCE DIODE		

* New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

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PARTS LIST

No.8

* New Parts
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Ref. No.	Address	Part No.	Description	部品名／規格	Ref. No.	Address	Part No.	Description	部品名／規格	Ref. No.	Address	Part No.	Description	部品名／規格	Ref. No.	Address	Part No.	Description	部品名／規格		
IC1 -3		TA7302P	IC(EM IF)	C20		CE04KW1A101M	ELECTRO	100UF	10W	C21		C90-1827-05	ELECTRO	0.047F	5.5W	C22		C90-1827-05	ELECTRO	0.010UF	35W
IC4		TA1235	IC(EM IF/DETECTION)	C22		CK45FB1H103Z	ELECTRO	10UF	35W	C23		CE04KW1V100Z	ELECTRO	0.010UF	35W						
IC5		TA1232P	IC(EM IF)	C24		CE04KW1H47M	ELECTRO	0.47UF	50W												
IC6		NJH45580	IC(OP AMP)																		
IC7		NJM460D-A	IC(OP AMP X2)																		
IC8 ,9		NJM4200D	IC(OP AMP X2)	C25		CK73FB1H103K	CHIP C	0.010UF	K	C26		CB45FB1H100M	ELECTRO	1.0UF	6.3W						
IC10-13		NJM4650D	IC(OP AMP X2)	C27	,28	CK73FB1H103K	CHIP C	0.010UF	K	C28		CB45FB1H103K	ELECTRO	1.0UF	6.3W						
IC15,16		NJM4650D	IC(OP AMP X2)	C29		CB45FB1H101M	CHIP C	0.010UF	K	C30	,31	CE04KW1A101M	ELECTRO	100UF	10W						
IC17		*	LA3450	C31		CK45FB1H222K	CERAMIC	2200PF	K												
IC18		NJM4655D	IC(OP AMP X2)																		
IC19		LA1245	IC(AM)																		
IC20		LM7001	IC(PLL FREQUENCY SYNTHESIZER)	C32		CK45FF1H103Z	CERAMIC	0.010UF	Z												
IC21		NJM4558D	IC(OP AMP X2)	C33		CE04KW1H47M	ELECTRO	0.47UF	50W												
IC22-29		NJM4655D	IC(OP AMP X2)	C34	-44	CK45FF1H103Z	CERAMIC	0.010UF	Z	C45		CK45FB1H102Z	ELECTRO	100UF	K						
Q1		3SK121(Y,GR)	FET	C46		CK45FB1H102	CERAMIC	0.01UF	K												
Q2		3SK122(L)	FET																		
Q3 ,4		*	2SK241(GR)																		
Q5		*	2SK709(BL,V)																		
Q6		2SK241(V)	FET	C47		CK45FF1H103Z	CERAMIC	0.010UF	Z												
Q7 ,8		2SK241(GR)	FET	C48		CE04KW1B331M	ELECTRO	330UF	25W	C49		CE04KW1B331M	ELECTRO	330UF	25W	C50 ,51					
Q9 ,10		2SK161(GR)	FET	C50		CE04KW1B332M	ELECTRO	330UF	25W	C51		CE04KW1B332M	ELECTRO	330UF	25W	C52					
Q11		2SK163(H)	FET	C52		CE04KW1V100M	ELECTRO	100UF	35W												
Q12 -17		2SK246(Y,GR)	FET	C53		CE04KW1B331M	ELECTRO	330UF	25W	C54		CE04KW1B331M	ELECTRO	330UF	25W	C55					
Q16		2SC1740S(Q,R)	TRANSISTOR	C55		CE04KW1V100M	ELECTRO	10UF	35W	C56		CE04KW1V100M	ELECTRO	4.7UF	35W	C57					
Q18		2SC3311A(Q,R)	TRANSISTOR	C57		CE04KW1H101M	ELECTRO	1.0UF	30W												
Q19		2SK246(Y,GR)	FET	C58		CE04KW1A70M	ELECTRO	10UF	35W	C59		CE04KW1H101M	ELECTRO	1.0UF	35W	C60					
Q20		2SC3311A(Q,R)	TRANSISTOR	C60		CE04KW1V100M	ELECTRO	10UF	35W	C61		CE04KW1V100M	ELECTRO	1.0UF	35W	C62 ,63					
Q21 -23		2SK246(Y,GR)	FET	C62		CE04KW1V100M	ELECTRO	10UF	35W	C63		CE04KW1V100M	ELECTRO	10UF	35W	C64					
Q24 -27		2SD1302(S,T)	TRANSISTOR	C64		CE04KW1A70M	ELECTRO	4.7UF	10W	C65		CE04KW1H101M	ELECTRO	1.0UF	50W	C66					
Q26		2SA1309A(Q,R)	TRANSISTOR	C66		CK45FB1H103Z	CERAMIC	0.010UF	Z	C67		CE04KW1V100M	ELECTRO	10UF	35W	C68					
Q28		2SA3335SQ(A)	TRANSISTOR	C68		CE04KW1V100M	ELECTRO	1.0UF	35W	C69		CE04KW1V100M	ELECTRO	10UF	35W	C70					
Q29		2SK709(S,T)	TRANSISTOR	C70		CE04KW1V100M	ELECTRO	4.7UF	35W												
Q30		2SC1740S(Q,R)	TRANSISTOR																		
Q31		2SA1309A(Q,R)	TRANSISTOR																		
Q32		2SA3335SQ(A)	TRANSISTOR																		
Q33		2SA554CL(K)	TRANSISTOR																		
Q34		2SC3311A(Q,R)	TRANSISTOR																		
Q35		2SC1740S(Q,R)	TRANSISTOR																		
Q36		2SA554CL(K)	TRANSISTOR																		
Q37 ,38		2SC1740S(Q,R)	TRANSISTOR																		
Q39 ,40		2SK246(Y,GR)	FET																		
TH1		SDT1000	TERMOSTORE																		
D19 -23		B30-1012-05	LED(LED-981C-50)	S26	2B	*	T99-0522-05														
C1 -3		CK73FB1H221K	CHIP C	D2																	
C4 -17		CK73FB1H102K	CHIP C	D2																	
C18		CK73FB1H103K	CHIP C	D3																	
C19		CK73FB1H102K	CHIP C	D3																	

L:Scandinavia
Y:PA(Far East, Hawaii)
T:England
X:Australia
P:Canada
E:Europe
M:Other Areas
△ indicates safety critical components

▲ indicates safety critical components
* New Parts
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No.7

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Ref. No.	Address	Part No.	Description	部品名／規格	Ref. No.	Address	Part No.	Description	部品名／規格	Ref. No.	Address	Part No.	Description	部品名／規格	Ref. No.	Address	Part No.	Description	部品名／規格		
Q1		TA7302P	IC(EM IF)	C1		2SA1309A	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C2		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C3		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		LA1235	IC(EM IF)	C2		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C4		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C5		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		TA1232P	IC(EM IF)	C3		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C6		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C7		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJH45580	IC(OP AMP)	C4		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C8		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C9		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM460D-A	IC(OP AMP X2)	C5		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C10		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C11		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4200D	IC(OP AMP X2)	C6		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C12		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C13		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C7		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C14		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C15		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C8		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C16		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C17		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C9		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C18		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C19		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C10		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C20		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C21		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C11		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C22		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C23		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C12		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C24		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C25		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C13		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C26		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C27		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C14		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C28		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C29		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C15		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C30		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C31		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C16		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C32		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C33		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C17		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C34		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C35		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C18		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C36		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C37		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR
		NJM4650D	IC(OP AMP X2)	C19		2SA1309A(Q,R)	TRANSISTOR	2SA1309A(Q,R)	TRANSISTOR	C38											

PARTS LIST

× New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans les Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.9

Ref. No.	Address	Part No.	Description	Desti- nation (付)
參照番号	位 置	部 品 号	部 品 名 / 規 格	Re- marks (付)
D7		HSS104 1SS133 MA110 HSS104 1SS133	DIODE DIODE DIODE DIODE DIODE	
D8	-14			
D5	18			
D15	-18			
D24		HZS13N(B2) RD11ES(B2)	ZENER DIODE	
D25	-27	HSS104 1SS133 HSS13N(B2)	ZENER DIODE DIODE ZENER DIODE	
D25	-27			
D29		RD11ES(B2) H2S16N(B2) RD16ES(B2)	ZENER DIODE ZENER DIODE	
D30	.31	HZS6.2N(B2) RD6.2ES(B2)	ZENER DIODE ZENER DIODE	
D31	.31			
D32		RD6.2ES(B2)	ZENER DIODE	
D32				
D33		HZS5.1S(B2) RD5.1JS(B2)	ZENER DIODE ZENER DIODE	
D34	-43	S5566B 9-BT-96GK CXP5112-344Q	DIODE FLUORESCENT INDICATOR TUBE IC(MICROPROCESSOR)	
ED1	1B	*		
IC1		* CXP-7991 XR49021AF PST5290 UPD106UBC NJ4558D	IC EXPANSION IC(EEPROM) IC(SYSTEM RESET) IC(INVERTER X6) IC(OP AMP X2)	
IC2	,3			
IC4				
IC5				
IC6				
IC7	,8			
Q1	-10	DTA143EK DTA143EK DTA114EK 2SC1740S(Q,R)	DIGITAL TRANSISTOR DIGITAL TRANSISTOR DIGITAL TRANSISTOR TRANSISTOR	
Q1.1				
Q1.2				
Q1.3	,14			
Q1.4				
Q1.5		2SA1534A	TRANSISTOR	
Q1.6		2SC1740S(Q,R)	TRANSISTOR	
Q1.7		2SC3311A(Q,R)	TRANSISTOR	
Q1.8	,19	2SB811(Q,P)	TRANSISTOR	
Q1.9		2SC1740S(Q,R)	TRANSISTOR	
Q18	,19	2SC3311A(Q,R)	TRANSISTOR	
Q20		2SA1309A(Q,R)	TRANSISTOR	
Q20		2SA933S(Q,R)	TRANSISTOR	
Q21		2SD126S(Q,P)	TRANSISTOR	
Q22		2SC1740S(Q,R)	TRANSISTOR	
Q22				
Q23		2SC3311A(Q,R)	TRANSISTOR	
Q24		2SD126S(Q,P)	TRANSISTOR	
Q25	-28	2SA1534A DTG114TK	DIGITAL TRANSISTOR ELECTRIC CIRCUIT MODULE	
A1		W02-0975-05		
		1A		

L:Scandinavia
Y:PX(Far East, Hawaii)
Y:AAFE(S Europe)

K:USA
T:England
X:Australia

P:Canada
E:Europe
M:Other Areas

△ indicates safety critical components.

KT-6040

SPECIFICATIONS

For Canada and General market

FM Tuner Section

Tuning frequency range	87.5MHz – 108MHz
Usable sensitivity (MONO)	0.95μV/10.8dBf
50 dB quieting sensitivity	
MONO	1.8μV/16.2dBf
STEREO	24μV/38.8dBf
Total harmonic distortion (at 1kHz)	
MONO	0.007% (WIDE)
STEREO	0.015% (WIDE)
Signal to noise ratio (at 1kHz, 85dBf input)	
MONO	92dB
STEREO	86dB
Stereo separation	
1kHz	62dB (WIDE)
Capture ratio	1.0dB (WIDE), 2.5dB (NARROW)
Alternate channel selectivity	
(±400kHz)	60dB (WIDE)
Image rejection ratio (at 98 MHz)	90dB
IF rejection ratio (at 98MHz)	110dB
Spurious rejection ratio (at 98MHz)	100dB
AM suppression ratio	70dB
Frequency response (30Hz – 15kHz)	+0.5dB, -1.0dB
Output level/Impedance	
(at 1kHz, 100% dev.)	0.8V/600Ω

AM Tuner Section

Tuning frequency range	
531kHz – 1,602kHz	9kHz step
530kHz – 1,610kHz	10kHz step
Usable sensitivity	10μV (250μV/m)
Signal to noise ratio	
(at 30% mod. 1mV input)	55dB
Total harmonic distortion	0.25%
Image rejection ratio (Loop)	40dB
Selectivity	30dB
Output level/Impedance	
(at 30% mod.)	0.24V/0.6kΩ

General

Power consumption	20W
Dimension	
W: 440mm	
H: 97mm	
D: 331mm	

Weight	4.5kg
--------------	-------

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KENWOOD poursuit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

KENWOOD strebt ständige Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

For Europe, Australia and U.K.

FM Tuner Section

Tuning frequency range	87.5MHz – 108MHz
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Usable sensitivity (DIN)

MONO	0.7μV
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STEREO25μV
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Limiting level (DIN at 75Ω)	0.45μV
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Total harmonic distortion (DIN at 1kHz)

MONO	0.007% (WIDE)
------------	---------------

STEREO	0.015% (WIDE)
--------------	---------------

Signal to noise ratio

(DIN weighted at 1kHz, 65.2dBf input)	
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MONO	88dB
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STEREO	76dB
--------------	------

Stereo separation (DIN)

1kHz	62dB (WIDE)
------------	-------------

6.3kHz	55dB (WIDE)
--------------	-------------

Capture ratio

.....	1.0dB (WIDE)
-------	--------------

Alternate channel selectivity

(DIN ±300kHz)	75dB (NORMAL)
---------------------	---------------

Image rejection ratio (at 98 MHz)	90dB
---	------

IF rejection ratio (at 98MHz)	110dB
-------------------------------------	-------

Spurious rejection ratio (at 98MHz)	100dB
---	-------

AM suppression ratio	70dB
----------------------------	------

Frequency response (30Hz – 15kHz)	+0.5dB, -1.0dB
---	----------------

Output level/Impedance

(at 1kHz, 100% dev.)	0.8V/600Ω
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AM Tuner Section

Tuning frequency range	531kHz – 1,602kHz
------------------------------	-------------------

Usable sensitivity	10μV (250μV/m)
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Signal to noise ratio

(at 30% mod. 1mV input)	55dB
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Total harmonic distortion	0.25%
---------------------------------	-------

Image rejection ratio (Loop)	40dB
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Selectivity	30dB
-------------------	------

Output level/Impedance

(at 30% mod.)	0.24V/0.6kΩ
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General

Power consumption	20W
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Dimension	
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W: 440mm	
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H: 97mm	
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D: 331mm	
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Weight	4.5kg
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